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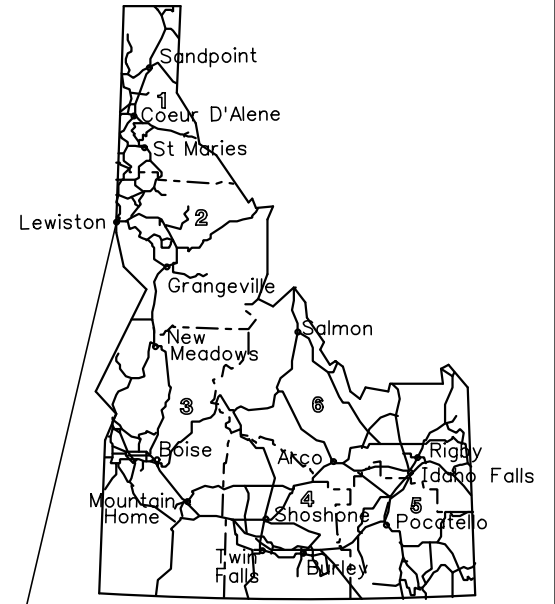
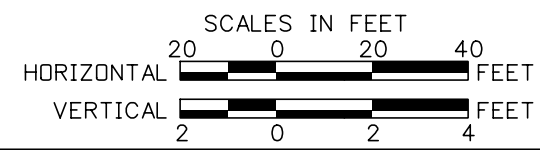
9/16/2016

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5	PROJECT CLEARANCE SUMMARY
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14	PIPE UNDERDRAIN SUMMARY
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33-34	ROADWAY DETAIL SHEET
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64-65	DRAINAGE DETAIL SHEET
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IDAHO
TRANSPORTATION DEPARTMENT
PLAN AND PROFILE OF PROPOSED
SNAKE RIVER AVE; SOUTHWAY BR TO 11TH AVE
FEDERAL AID PROJECT NO. A013(443)

KEY NO. 13443
NEZ PERCE COUNTY
 SEPTEMBER 2016

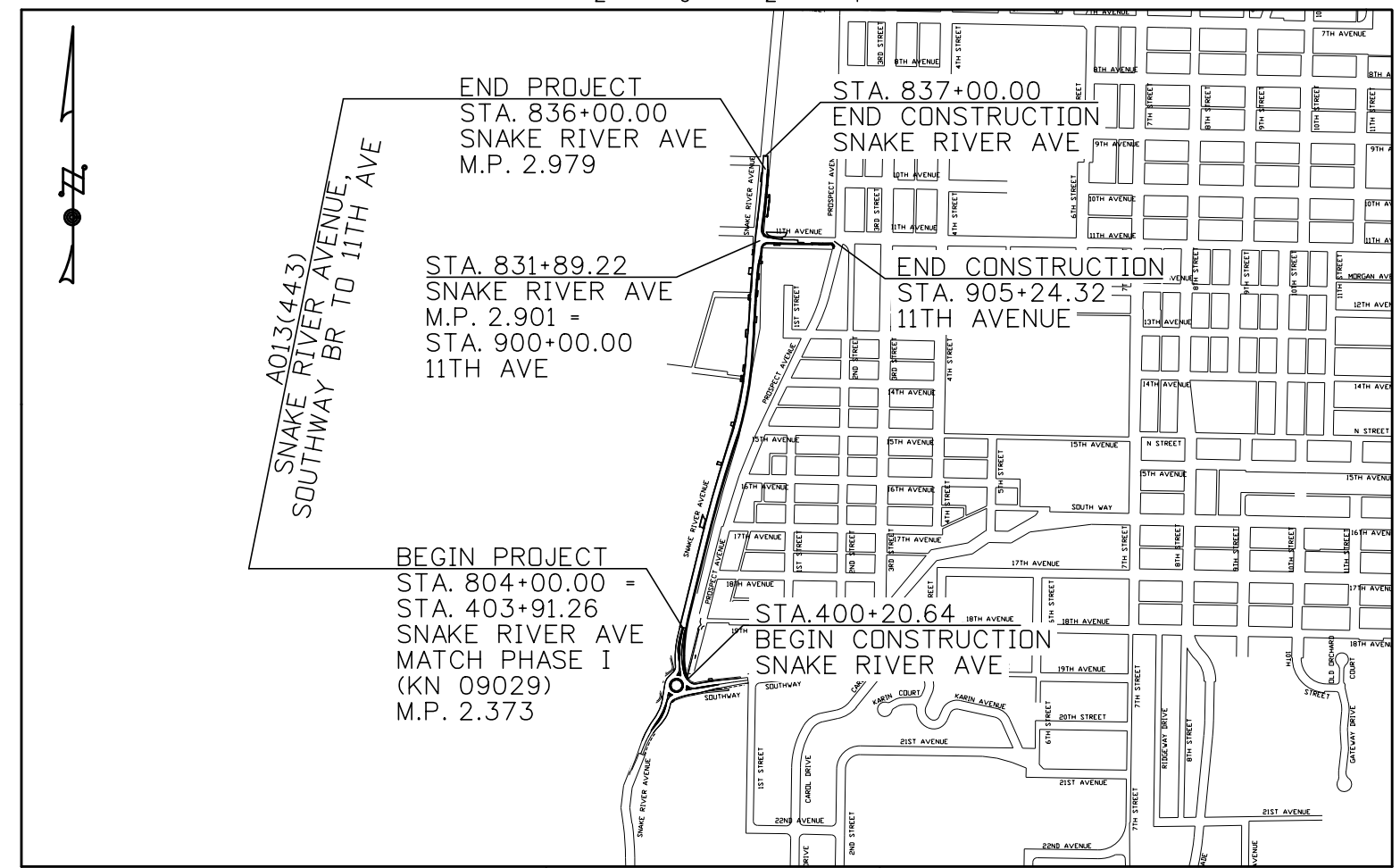


SNAKE RIVER AVE.,
 SOUTHWAY AVE TO 11TH AVE., LEWISTON
 M.P. 2.373- M.P. 2.979
 SEGMENT CODE 007010

11TH AVE.
 SEGMENT CODE 006890

DESIGN DESIGNATION	
ADT 2015	10,228
ADT 2041	13,248
DHV 2015	919
DHV 2041	1,190
D	50/50
V	35 MPH
TRUCKS:	5%
ADT 2015	511
ADT 2041	662
DHV 2015	46
DHV 2041	60

FINAL
DESIGN PLANS
 SEPTEMBER 2016



POPULATIONS: 2000 U.S. CENSUS

REVISIONS			
NO.	DATE	BY	DESCRIPTION

THE DIMENSIONS SHOWN ON THE PLANS SHALL BE ATTAINED WITHIN LIMITS OF PRECISION THAT GOOD CONSTRUCTION PRACTICES WILL PERMIT

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
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DRAWING DATE:
 9/16/2016

IDAHO
TRANSPORTATION DEPARTMENT

HORROCKS
ENGINEERS

PROJECT NO.
 A013(443)

TITLE SHEET
 SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE
 LEWISTON, ID

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 1 OF 99

Approved for Advertising

 Date Approved

STANDARD DRAWING LIST

JUNE 2016

DRAWING NUMBER	DRAWING NAME (additional required drawings in parentheses)	REVISION DATE	DRAWING NUMBER	DRAWING NAME (additional required drawings in parentheses)	REVISION DATE
<input type="checkbox"/> 409-1	Portland Cement Concrete Pavement	05-13	A-1	See Standard Details	N/A
<input type="checkbox"/> 409-2	Portland Cement Concrete Pavement Ramp Gore Details (requires 409-2)	05-16	A-2	See Standard Details	N/A
<input type="checkbox"/> 411-1	Urban Concrete Pavement	10-11	A-3	See Standard Details	N/A
<input type="checkbox"/> 411-2	Urban Concrete Pavement Manhole Collars (requires 605-13)	10-11	A-4	See Standard Details	N/A
<input checked="" type="checkbox"/> 601-1	Pipe and Conduit Installation	05-16	A-5	See Standard Details	N/A
<input checked="" type="checkbox"/> 605-1	Storm Sewer Pipe, 12" Thru 30" Slotted Drain (requires 706-6)	05-14	A-6	See Standard Details	N/A
<input type="checkbox"/> 605-10	Manhole Type A (requires 605-13)	12-12	A-7	See Standard Details	N/A
<input type="checkbox"/> 605-11	Manhole Type B (requires 605-13)	10-10	A-8	See Standard Details	N/A
<input checked="" type="checkbox"/> 605-12	Manhole Types C & D (requires 605-13)	05-07	A-9	See Standard Details	N/A
<input type="checkbox"/> 605-13	Manhole Frame, Cover, & Concrete Collar	05-07	A-10	See Standard Details	N/A
<input type="checkbox"/> 605-20	Inlets & Catch Basins, Types 1, 2, & 3	10-10	C-1-A-1	See Standard Drawing 411-1	N/A
<input type="checkbox"/> 605-21	Inlets & Catch Basins, Types 1A, 2A, & 3A	11-08	C-1-A-2	See Standard Drawing 411-2	N/A
<input type="checkbox"/> 605-22	Inlets & Catch Basins, Types 4 & 5	11-08	C-1-B	See Standard Drawing 409-1	N/A
<input type="checkbox"/> 605-23	Catch Basin, Type 6	11-08	C-1-C	See Standard Drawing 409-2	N/A
<input type="checkbox"/> 605-24	Catch Basin, Type 7	11-08	<input type="checkbox"/> C-2-A	Shoulder Rumble Strips and Rumble Stripes	05-14
<input checked="" type="checkbox"/> 605-25	Inlet, Type 8	11-08	<input type="checkbox"/> C-2-C	Centerline Rumble Strips For Two-Way Roadways	09-11
<input type="checkbox"/> 605-26	Inlet Median Drain, Type 9	10-10	D-4-A	See Standard Drawing 706-6	N/A
<input type="checkbox"/> 605-27	Catch Basin, Type 10 (requires 607-2)	01-13	D-4-B	See Standard Drawing 605-1	N/A
<input type="checkbox"/> 605-30	Sediment Control Catch Basin	10-11	E-6-A	See Standard Drawing 605-20	N/A
<input type="checkbox"/> 605-31	Sediment and Oil Trap Manhole (requires 605-13)	10-11	E-6-B	See Standard Drawing 605-21	N/A
<input type="checkbox"/> 605-32	Sediment and Oil Trap Manhole (In Street) (requires 605-12 & 605-13)	12-95	E-6-C	See Standard Drawing 605-22	N/A
<input type="checkbox"/> 606-2	Edge Drains	05-14	E-6-D	See Standard Drawing 605-23	N/A
<input type="checkbox"/> 607-1	Embankment Protector	12-15	E-6-E	See Standard Drawing 605-24	N/A
<input type="checkbox"/> 607-2	Embankment Protector with Slotted Drain	01-13	E-6-F	See Standard Drawing 605-25	N/A
<input type="checkbox"/> 608-1	Galvanized Steel Aprons for Pipe Culverts	03-05	E-6-G	See Standard Drawing 605-26	N/A
<input type="checkbox"/> 608-2	Concrete Aprons for Pipe Culverts	12-12	E-6-H	See Standard Drawing 605-27	N/A
<input type="checkbox"/> 608-3	Metal Safety Slope Apron	12-12	E-7	See Standard Drawing 605-10	N/A
<input type="checkbox"/> 609-1	Culvert Inlet Headwall	12-12	E-7-C	See Standard Drawing 605-12	N/A
<input type="checkbox"/> 609-2	Concrete Headwall for Single Pipe Culvert	03-05	E-8	See Standard Drawing 605-11	N/A
<input type="checkbox"/> 609-3	Concrete Headwall for Twin Pipe Culvert	03-05	E-9	See Standard Drawing 605-13	N/A
<input type="checkbox"/> 609-4	Concrete Headwall for Arch Pipe Culvert	03-05	<input type="checkbox"/> F-2-A	Standard Barbed, Woven, Mesh, Combination Wire Fences, & Fencing Details	12-12
<input type="checkbox"/> 609-5	Concrete Headwall for Siphons	12-05	<input type="checkbox"/> F-2-B	High Tension 8 Wire Fence	12-12
<input type="checkbox"/> 609-6	Precast Concrete Headgate	03-05	<input type="checkbox"/> F-2-C	Gate Types 1, 1A, & 2 (requires F-2-A)	01-13
<input type="checkbox"/> 611-1	Cattle Guard Type A	12-12	<input type="checkbox"/> F-2-D	Chain Link Fence - Fence Type 4	01-13
<input type="checkbox"/> 611-2	Cattle Guard, Pavement Markings	05-16	<input type="checkbox"/> F-2-E	Wildlife Fence - Fence Type 9	10-05
<input type="checkbox"/> 613-1	Bullnose Crash Cushion	12-15	<input type="checkbox"/> G-1-A-1	Guardrail Slope Treatment Types A & B	08-11
<input checked="" type="checkbox"/> 614-1	Sidewalks	05-15	<input type="checkbox"/> G-1-A-2	W-Beam Guardrail Installation Assemblies	12-10
<input checked="" type="checkbox"/> 614-2	Driveways	05-15	<input type="checkbox"/> G-1-A-3	W-Beam Guardrail Posts, Blockouts, & Hardware	12-10
<input checked="" type="checkbox"/> 614-3	Curb Ramps	05-15	<input type="checkbox"/> G-1-A-4	Guardrail Bolting Hardware for W-Beam & Thrie Beam	04-06
<input checked="" type="checkbox"/> 615-1	Curb and Gutter	12-14	<input type="checkbox"/> G-1-A-5	Thrie Beam Guardrail	10-10
<input type="checkbox"/> 617-1	Delineators	05-16	<input type="checkbox"/> G-1-B	Guardrail Terminals Type 1 & 1-A (requires G-1-A-1 through G-1-A-4)	10-10
<input type="checkbox"/> 617-2	Milepost Assemblies	12-15	<input type="checkbox"/> G-1-C-1	Guardrail Terminal Type 2-A, With 10:1 or Flatter Foreslope (requires G-1-A-1 through G-1-A-4)	12-10
<input checked="" type="checkbox"/> 618-1	Marker Post, Witness Posts, and Street Monuments	12-15	<input type="checkbox"/> G-1-C-2	Guardrail Terminal Type 2-B, for Less Than 10 : 1 to 6 : 1 Foreslope (requires G-1-A-1 through G-1-A-4)	12-10
<input type="checkbox"/> 628-1	Snow Poles	05-14	<input type="checkbox"/> G-1-C-2	Guardrail Terminal Type 2-B, for Less Than 10 : 1 to 6 : 1 Foreslope (requires G-1-A-1 through G-1-A-4)	12-10
<input checked="" type="checkbox"/> 634-1	Mailboxes	01-13	<input type="checkbox"/> G-1-E	Guardrail Terminal Type 3 (requires G-1-A-1 through G-1-A-5, & 615-1)	08-11
<input type="checkbox"/> 634-2	Mailbox Snow Shield	05-15			
<input type="checkbox"/> 706-6	Corrugated Metal Pipe Watertight Coupling Bands	03-05			

INDIVIDUAL STANDARD DRAWINGS AND AN ELECTRONIC BOOK OF ALL OF THE STANDARD DRAWINGS ARE AVAILABLE ON THE ITD WEBSITE

ORIGINAL STORED AT: ITD, District 2
2600 North & South Highway,
Lewiston, ID

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

REVISIONS				DESIGNED C. DAVIDSON	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT		PROJECT NO. A013(443)	STANDARD DRAWING LIST (1 of 2)	English	COUNTY NEZ PERCE
NO.	DATE	BY	DESCRIPTION								
				DETAILED C. DAVIDSON	DRAWING DATE: 9/16/2016	HORROCKS ENGINEERS					
				DRAWING CHECKED H. CARTER							SHEET 2 OF 99

STANDARD DRAWING LIST

JUNE 2016



DRAWING NUMBER	DRAWING NAME (additional required drawings in parentheses)	REVISION DATE
<input type="checkbox"/> G-1-F-1	Guardrail Terminal Type 5 Alternate "A" (requires G-1-A-1 through G-1-A-4)	05-06
<input type="checkbox"/> G-1-F-2	Guardrail Terminal Type 5 Alternate "B" (requires G-1-A-1 through G-1-A-4)	10-10
<input type="checkbox"/> G-1-H	Guardrail Terminals Type 7 & 8 (requires G-1-A-1 through G-1-A-4)	10-10
<input type="checkbox"/> G-1-I	Guardrail Terminal Type 11 (requires G-1-A-1 through G-1-A-4)	10-10
<input type="checkbox"/> G-1-J	Guardrail Terminal Types 4-A & 4-B (requires G-1-A-1 through G-1-A-4)	05-06
<input type="checkbox"/> G-1-K	Guardrail Terminal Type 9 (requires G-1-A-1 through G-1-A-4)	10-10
<input type="checkbox"/> G-1-L	Guardrail Installation for Minor Structures & Large Culverts (requires G-1-A-1 through G-1-A-4)	12-10
<input type="checkbox"/> G-1-M	Guardrail Terminal Type 10 (requires G-1-A-1 through G-1-A-4)	10-10
<input type="checkbox"/> G-1-N	Guardrail Terminal Type 12 (requires G-1-A-1 through G-1-A-4)	10-10
<input type="checkbox"/> G-2-A	Concrete Barrier Terminals	12-14
<input type="checkbox"/> G-2-A-1	20' Concrete Barrier	05-14
<input type="checkbox"/> G-2-A-2	10' Concrete Barrier	05-14
<input type="checkbox"/> G-2-C	Concrete Parapet to Thrie Beam Guardrail Connector (requires G-1-E)	11-13
<input type="checkbox"/> G-2-D	Concrete Barrier to Thrie Beam Guardrail Connector (requires G-1-E)	11-13
<input type="checkbox"/> G-2-H	Special Cast-in-place Concrete Barrier (requires G-2-A-1 or G-2-A-2)	05-13
<input type="checkbox"/> G-2-I-1	Tall Concrete Median Barrier	05-13
<input type="checkbox"/> G-2-I-2	Tall to Standard Concrete Barrier Transition	05-13
<input type="checkbox"/> H-2-C	Pedestrian Pushbutton Placement	06-14
<input checked="" type="checkbox"/> H-4-A	Rural Approaches (Private, Commercial, & Public)	06-07
<input type="checkbox"/> H-4-B	Mailbox Turnout & Installation (requires H-4-A)	01-13
<input checked="" type="checkbox"/> I-5	Loop Detectors - 10 ft/sec ² Deceleration Rate	07-10
<input type="checkbox"/> I-6-A	Mast Arm Traffic Signal Poles (requires H-2-C)	04-14
<input type="checkbox"/> I-6-B	Frangible Cast Base Traffic Signal Poles (requires H-2-C)	04-14
<input type="checkbox"/> I-7-A-1	Signal Cabinet & Service Pedestal Foundation Details	06-14
<input type="checkbox"/> I-7-A-2	Signal Cabinet Foundation Detail	06-14
<input type="checkbox"/> I-7-B-1	Electronic Cabinet Foundation Detail	04-14
<input type="checkbox"/> I-7-B-2	Electronic Cabinet & Service Pedestal Foundation Detail	04-14
<input type="checkbox"/> I-7-C	Mast Arm Signal Pole, Lighting Pole and Pedestrian Pole Foundation Details	12-15
<input type="checkbox"/> I-8-A	Breakaway Steel Sign Post Installation Type A	05-15
<input checked="" type="checkbox"/> I-8-D	Breakaway Steel Sign Post Installation Type B	05-15
<input type="checkbox"/> I-8-E	Breakaway Sign Posts Type D	12-13
<input checked="" type="checkbox"/> I-8-F	Breakaway Steel Sign Posts Type E	12-15
<input checked="" type="checkbox"/> I-9-A-1	B Post and Brace Angle Detail (requires I-9-A-2)	12-13
<input checked="" type="checkbox"/> I-9-A-2	B Post and Brace Angle Detail (requires I-9-A-1)	12-13
<input type="checkbox"/> I-9-B	Cardinal Route Marker Assemblies (requires I-8-D)	09-10
<input type="checkbox"/> I-9-C	Route Marker Bracket Details	12-13
<input type="checkbox"/> I-10-A	Extruded Aluminum Signs	11-14
<input type="checkbox"/> I-10-B	Exit Number Panels (requires I-10-A)	11-14
<input type="checkbox"/> I-11-A	Standard Route Markers (requires I-12-F)	12-13
<input type="checkbox"/> I-11-C	Route Marker Auxiliary Panels (requires I-12-F)	12-13
<input checked="" type="checkbox"/> I-12-A	Standard Regulatory Signs (requires I-12-F)	12-13
<input checked="" type="checkbox"/> I-12-D	Standard Warning Signs (requires I-12-F)	12-13
<input type="checkbox"/> I-12-F	Punching Schedule for Type "B" or Type "E" Signs	07-14
<input type="checkbox"/> I-13	Interstate Exit Number Panels	05-15
<input checked="" type="checkbox"/> I-21	Standard Pavement Markings for Arterial and Collector Roadways	12-15
<input type="checkbox"/> I-22	Freeway Pavement Markings	05-15

DRAWING NUMBER	DRAWING NAME (additional required drawings in parentheses)	REVISION DATE
<input type="checkbox"/> P-1-A	Temporary Erosion Control Slope Drains (requires D-4-A, D-5, P-1-D & P-1-E)	11-13
<input checked="" type="checkbox"/> P-1-B	Temporary Sediment Control Barriers (requires P-1-D)	02-13
<input type="checkbox"/> P-1-C	Temporary Sediment Trap (requires P-1-D)	11-13
<input type="checkbox"/> P-1-D	Temporary Erosion Control Diversion Devices & Site Example	12-12
<input type="checkbox"/> P-1-E	Temporary Sediment Control Berms, Dikes, and Swales (requires P-1-D)	02-13
<input type="checkbox"/> P-1-F	Erosion and Sediment Control for Temporary Roads (requires P-1-D)	12-12
<input checked="" type="checkbox"/> P-1-H	Temporary Sediment Control Inlet Protection (requires P-1-D)	02-13
<input type="checkbox"/> P-2-A	Erosion and Sediment Control Gabions and Revet Mattresses	02-13
<input type="checkbox"/> P-2-B	Sediment Control Rock Check Dam Types (requires P-2-A)	02-13
<input type="checkbox"/> P-2-C	Permanent Erosion Control Slope & Channel Protection (requires P-2-A)	11-14
<input type="checkbox"/> P-2-D	Chutes and Flumes (requires P-2-A)	10-10
<input type="checkbox"/> P-2-F	Permanent Erosion Control Culvert Outlet Protection (requires P-2-A)	10-10
<input type="checkbox"/> P-3-A	See Standard Drawing 605-30	N/A
<input type="checkbox"/> P-3-B	See Standard Drawing 605-31	N/A
<input type="checkbox"/> P-3-D	See Standard Drawing 605-32	N/A
<input checked="" type="checkbox"/> P-3-E	Vehicle and Equipment Washdown (requires P-1-D)	12-12
<input type="checkbox"/> P-4-A	Erosion & Sediment Control Retention Basin	10-10
<input checked="" type="checkbox"/> P-5-A	Petroleum Storage Area	11-13
<input type="checkbox"/> P-5-B	Temporary Concrete Washout	11-13
<input type="checkbox"/> R-1-A	See Standard Details	N/A
<input type="checkbox"/> R-1-B	See Standard Details	N/A
<input type="checkbox"/> R-1-C	See Standard Details	N/A
<input type="checkbox"/> R-2	See Standard Details	N/A

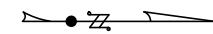
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ORIGINAL STORED AT: ITD, District 2
2600 North & South Highway,
Lewiston, ID

NOT APPROVED FOR CONSTRUCTION
 PRELIMINARY
 ORIGINAL SIGNED BY:

<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>				REVISIONS				NO.	DATE	BY	DESCRIPTION																	DESIGNED C. DAVIDSON DESIGN CHECKED H. CARTER DETAILED C. DAVIDSON DRAWING CHECKED H. CARTER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 13443_indx_002.sht DRAWING DATE: 9/16/2016	 IDAHO TRANSPORTATION DEPARTMENT 	PROJECT NO. A013(443)	STANDARD DRAWING LIST (2 of 2) SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE LEWISTON, ID	English COUNTY NEZ PERCE KEY NUMBER 13443 SHEET 3 OF 99
REVISIONS																																	
NO.	DATE	BY	DESCRIPTION																														

T.3N., R.2E., B.M.



SURVEY CONTROL POINTS:

- BC 550
FOUND BRASS CAP
STA. 807+75.43, 25.24' LT.
N. 1729115.01
E. 2300516.93
EL. 750.45'
- PT 1682
FOUND 1/2" REBAR
STA. 827+03.73, 42.53' RT.
N. 1730987.18
E. 2300974.12
EL. 738.66'
- CP 56-8
CITY MONUMENT
STA. 807+92.33, 113.73' RT.
N. 1729098.25
E. 2300655.91
EL. 790.24'
- CP 5-50
CITY MONUMENT
STA. 811+35.59, 125.16' RT.
N. 1729427.43
E. 2300749.11
EL. 789.37'
- BC 001
FOUND BRASS CAP
STA. 831+30.38, 26.89' LT.
N. 1731417.00
E. 2300942.00
EL. 735.34'

NOTES:

1. BASIS OF BEARING IS THE IDAHO STATE PLANE COORDINATE SYSTEM, WEST ZONE 1103.
2. COORDINATES SHOWN ARE BASED ON MODIFIED IDAHO STATE PLANE, WEST ZONE 1103, NAD 83/1992 ADJUSTMENT, PROJECTED TO GROUND. ALL DISTANCES AND COORDINATES ARE IN FEET.
3. VERTICAL DATUM IS NAVD 88.
4. ALL ALIGNMENTS/CONTROL LINES SHOWN ON THIS SHEET ARE DEFINED ON THE PLAN SHEETS.
5. NO BENCHMARKS HAVE BEEN ESTABLISHED WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL ESTABLISH PROJECT BENCHMARKS AND SUBMIT SURVEY NOTES TO ITD FOR REVIEW.

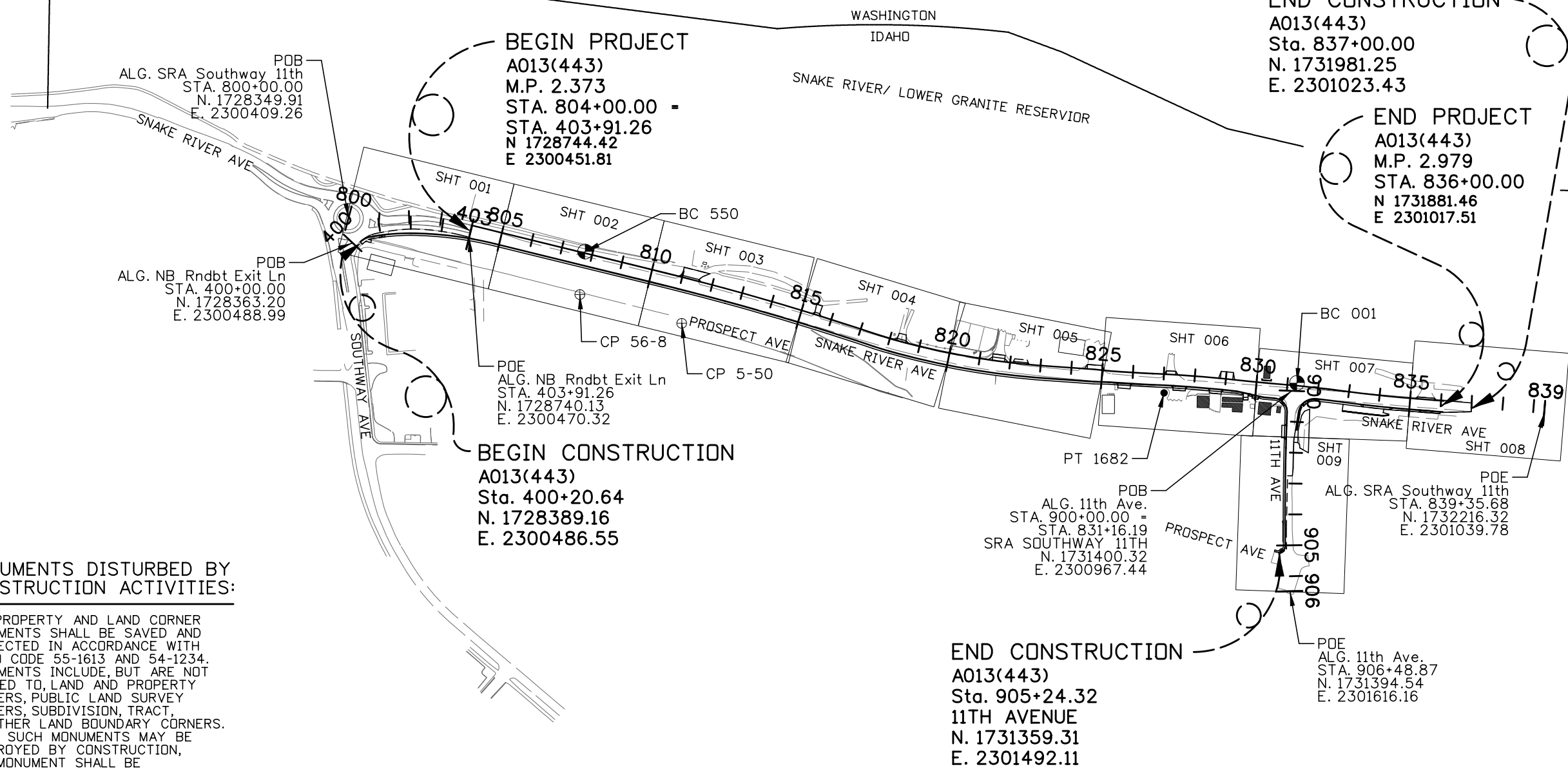
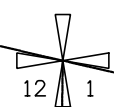
ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

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FOR CONSTRUCTION

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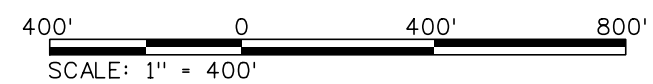
9/16/2016

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MONUMENTS DISTURBED BY CONSTRUCTION ACTIVITIES:

ALL PROPERTY AND LAND CORNER MONUMENTS SHALL BE SAVED AND PROTECTED IN ACCORDANCE WITH IDAHO CODE 55-1613 AND 54-1234. MONUMENTS INCLUDE, BUT ARE NOT LIMITED TO, LAND AND PROPERTY CORNERS, PUBLIC LAND SURVEY CORNERS, SUBDIVISION, TRACT, OR OTHER LAND BOUNDARY CORNERS. WHEN SUCH MONUMENTS MAY BE DESTROYED BY CONSTRUCTION, THE MONUMENT SHALL BE REFERENCED UNDER THE DIRECTION OF AN IDAHO PROFESSIONAL LAND SURVEYOR PRIOR TO CONSTRUCTION. ALL SUCH MONUMENTS SHALL BE REESTABLISHED AFTER CONSTRUCTION BY AN IDAHO PROFESSIONAL LAND SURVEYOR AND CORNER RECORDS FILED PER IDAHO STATE CODE.



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME 13443_pckp_001.sht

DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO.
A013(443)

PROJECT CONTROL/KEY PLAN
 SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 4 OF 99

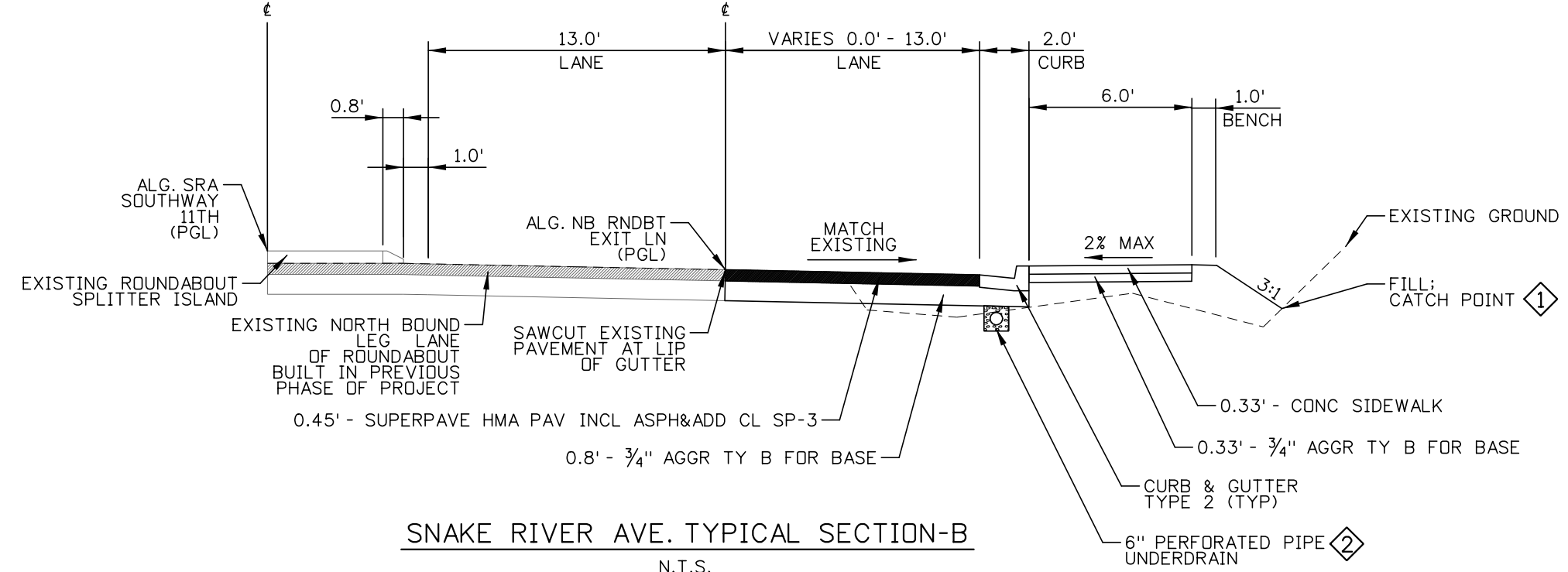
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9/16/2016

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SNAKE RIVER AVE., TYPICAL SECTION-A

N.T.S.
 ALG SRA SOUTHWAY 11TH:
 STA. 800+54.52 TO STA. 804+84.84
 ALG NB RNDBT EXIT LN:
 STA. 400+20.64 TO STA. 403+91.26

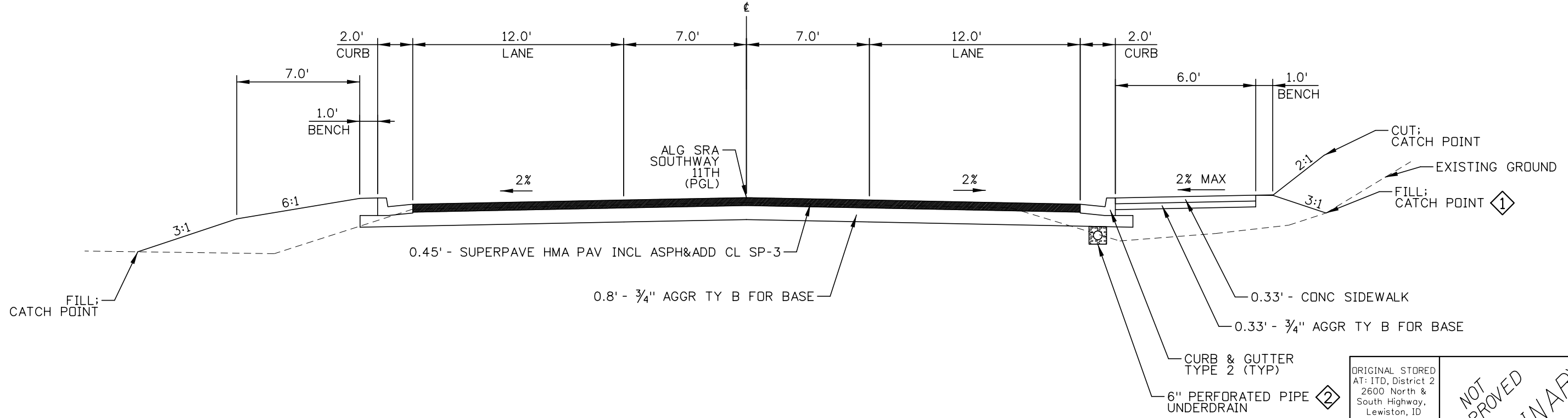


NOTES:

- 1 BLEND SIDESLOPE TO CATCH EXISTING BOTTOM OF DITCH. TOE OF FILL SLOPE TO BE AT BOTTOM OF EXISTING DITCH.
- 2 UNDERDRAIN SYSTEM RANGES FROM STA 803+05 TO STA 822+52 REFER TO DRAINAGE PLANS AND DETAILS.

SNAKE RIVER AVE. TYPICAL SECTION-B

N.T.S.
 ALG SRA SOUTHWAY 11TH:
 STA. 804+84.84 TO STA. 824+75.00



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. DAVIDSON
DESIGN CHECKED	H. CARTER
DETAILED	C. DAVIDSON
DRAWING CHECKED	H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 13443_typ_001.sht
DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO.	A013(443)
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TYPICAL SECTION SHEET	SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE
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ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID
English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 6 OF 99

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

145540 PM

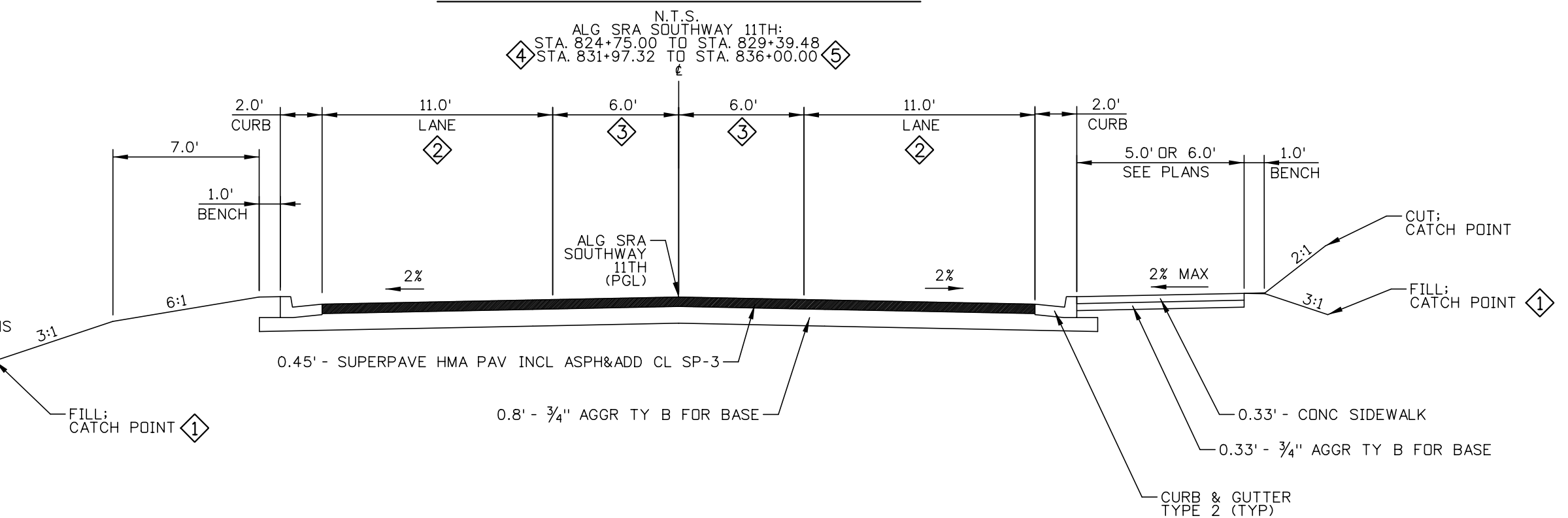
9/16/2016

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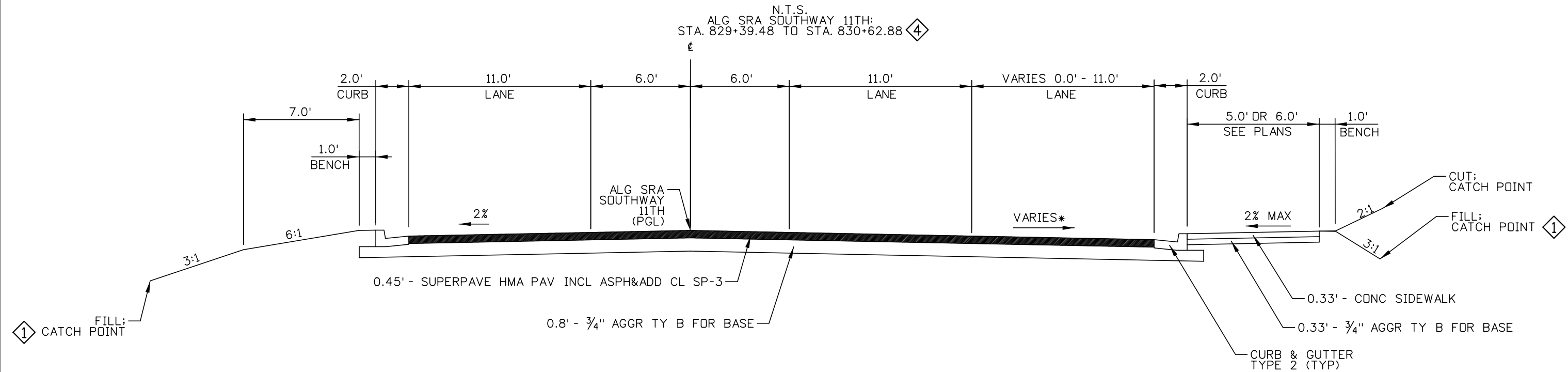
NOTES:

- ① BLEND SIDESLOPE TO CATCH EXISTING BOTTOM OF DITCH. TOE OF FILL SLOPE TO BE AT BOTTOM OF EXISTING DITCH.
 - ② TAPER THROUGH TRAVEL LANES FROM 12' TO 11' FROM STA. 824+75.00 TO STA. 825+25.00. SEE ROADWAY PLAN SHEETS
 - ③ TAPER MIDDLE TRAVEL LANE FROM 14' TO 12' FROM STA. 824+75.00 TO STA. 825+25.00. SEE ROADWAY PLAN SHEETS
 - ④ INTERSECTION WITH 11TH AVE BETWEEN STA. 830+62.88 AND STA. 831+97.32. SEE ROADWAY PLAN AND PROFILE SHEETS. ROADWAY SECTION DEPTHS TO REMAIN THE SAME.
 - ⑤ SIDEWALK AND CURB & GUTTER TERMINATE AT STA. 836+00.00. SEE ROADWAY PLAN FOR TRANSITION TO EXISTING. ROADWAY SECTION DEPTHS TO REMAIN THE SAME BETWEEN STA. 836+00.00 TO 837+00.00.
- * CROSS SLOPE VARIES. SEE SUPERELEVATION DIAGRAM IN PROJECT PROFILE SHEETS.

Snake River Ave. TYPICAL SECTION-C



Snake River Ave. TYPICAL SECTION-D



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_typ_002.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO. A013(443)

TYPICAL SECTION SHEET
Snake River Ave Southway BR to 11th Ave

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 7 OF 99

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

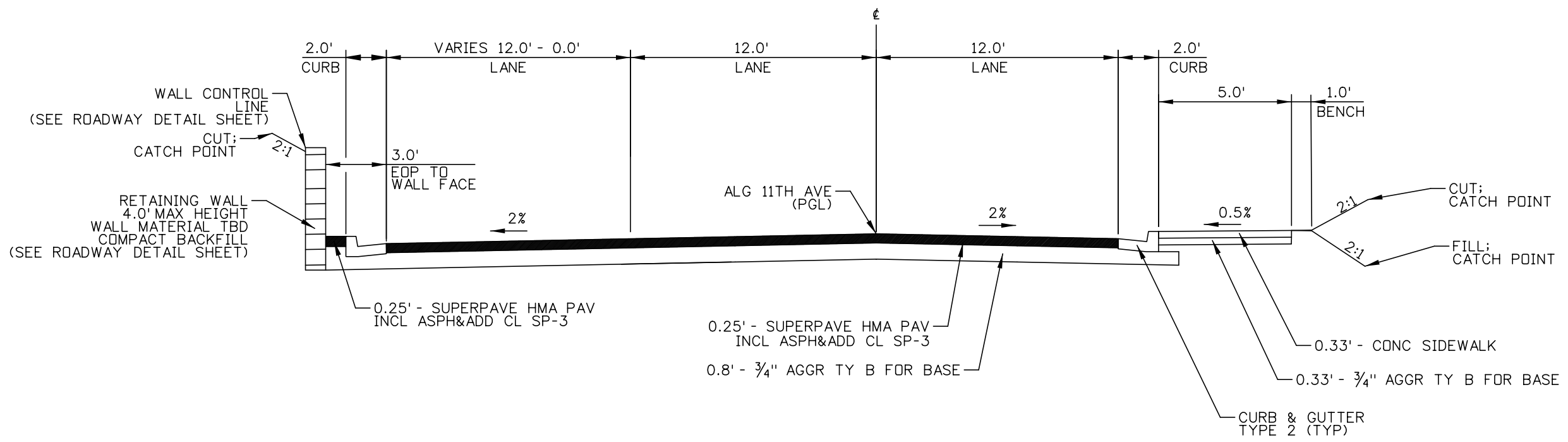
145541PM

9/16/2016

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11TH AVE, TYPICAL SECTION-E

N.T.S.
 ALG 11TH AVE:
 STA. 900+70.41 TO STA. 901+21.95

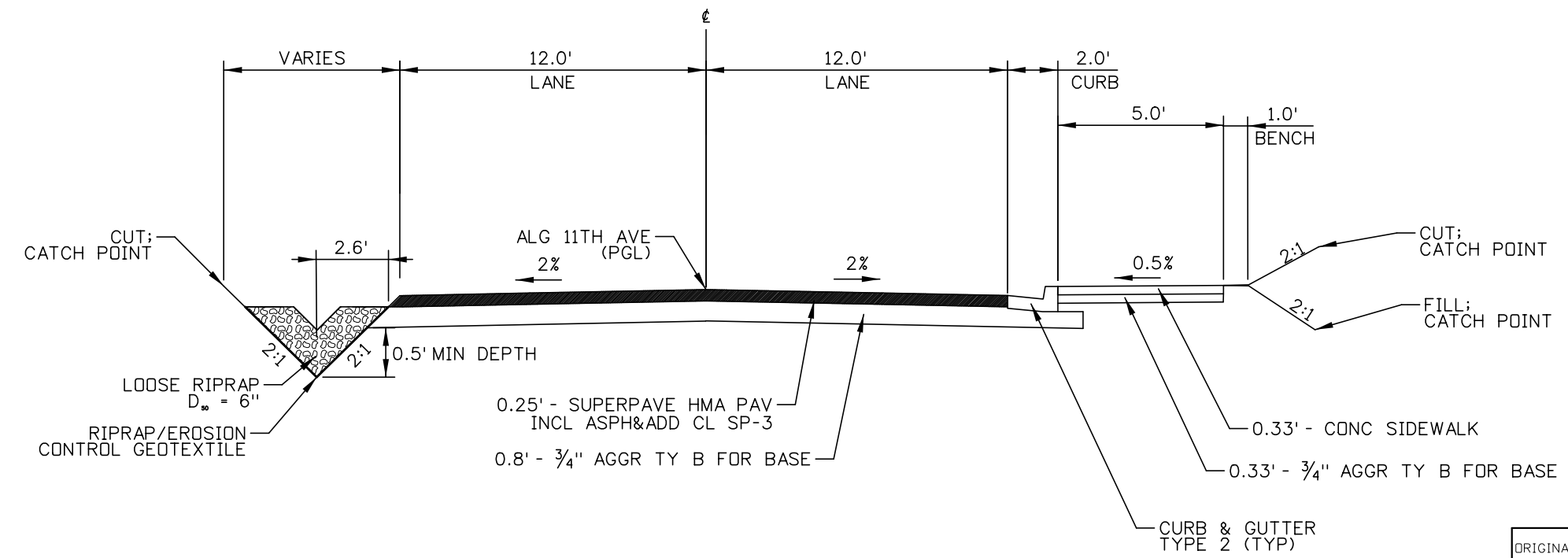


NOTES:

1 INTERSECTION WITH SNAKE RIVER AVENUE BETWEEN STA. 900+00.00 TO STA. 900+70.14. SEE ROADWAY PLAN AND PROFILE SHEETS. ROADWAY SECTION DEPTHS VARY SEE TYPICAL SECTIONS.

11TH AVE, TYPICAL SECTION-F

N.T.S.
 ALG 11TH AVE:
 STA. 901+21.95 TO STA. 902+75.00



ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_typ_003.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO. A013(443)

TYPICAL SECTION SHEET
 SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 8 OF 99

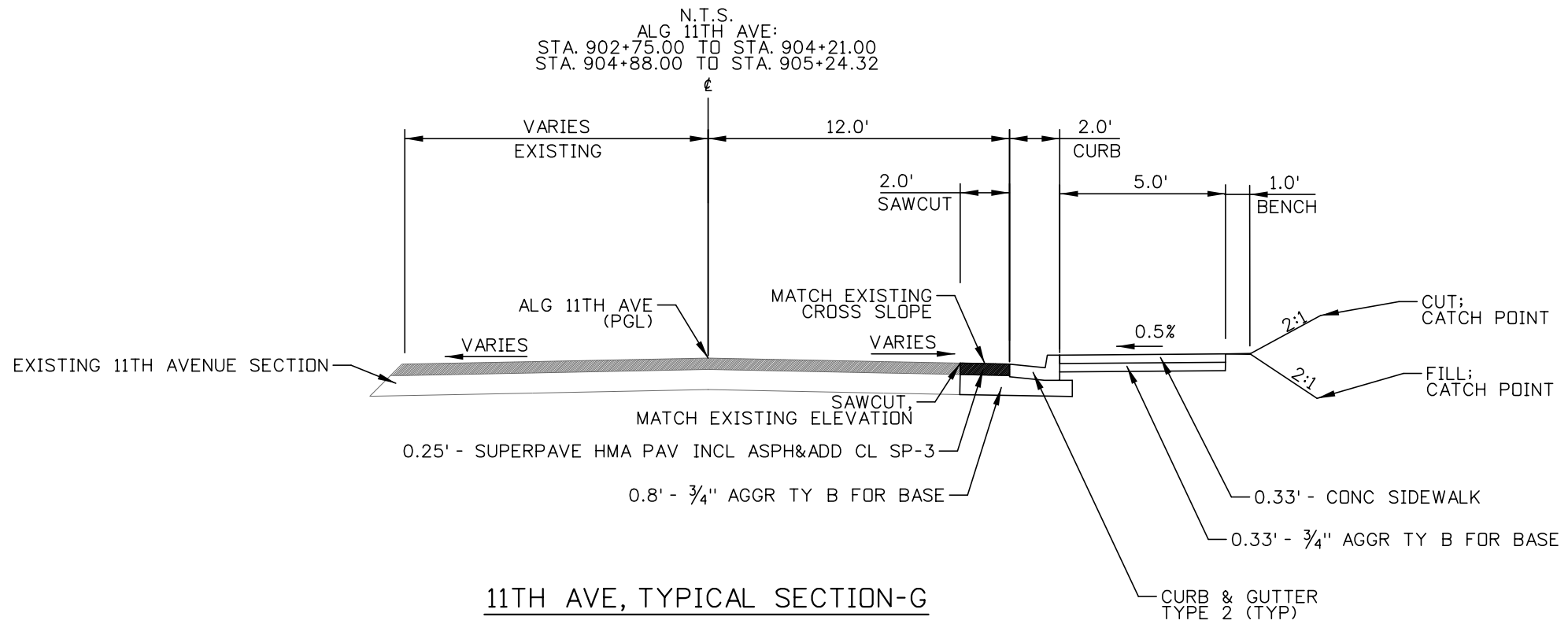
NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

145541 PM

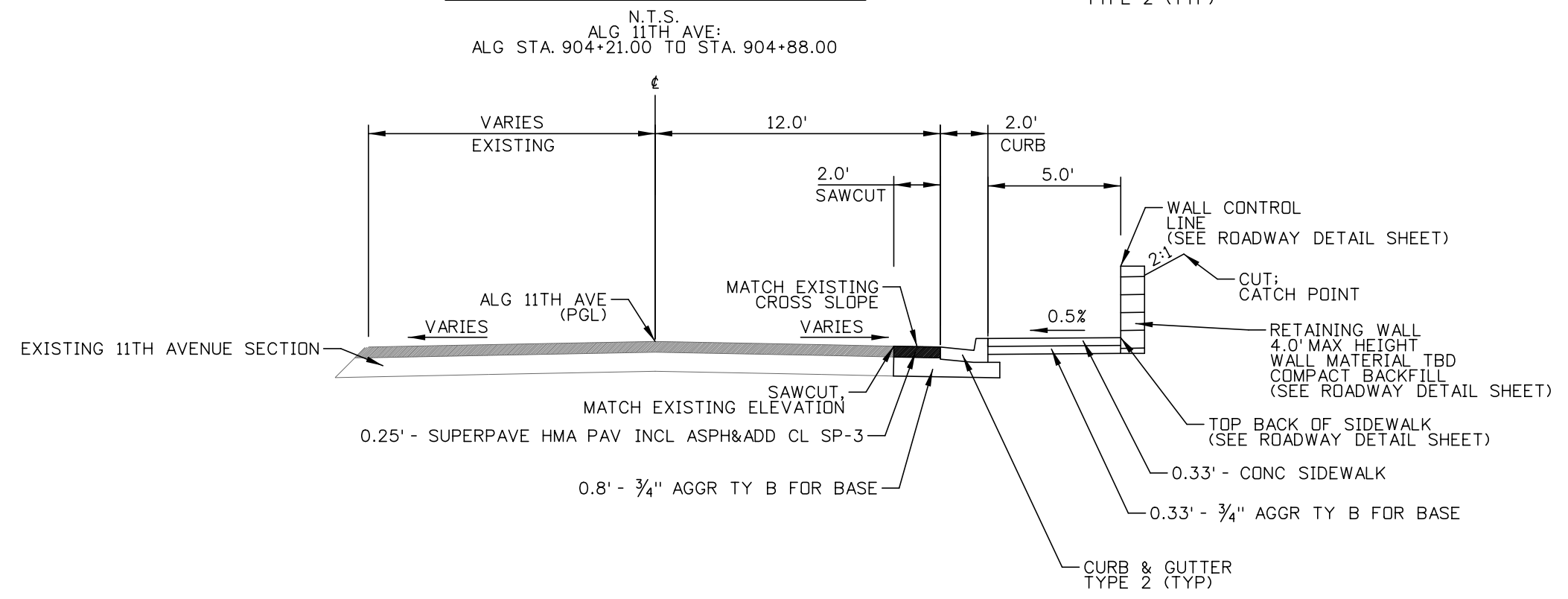
9/16/2016

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11TH AVE, TYPICAL SECTION-F



11TH AVE, TYPICAL SECTION-G



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. DAVIDSON
DESIGN CHECKED	H. CARTER
DETAILED	C. DAVIDSON
DRAWING CHECKED	H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME: 13443_typ_004.sht
DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO.	A013(443)
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TYPICAL SECTION SHEET	SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE
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ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID
English
COUNTY: NEZ PERCE
KEY NUMBER: 13443
SHEET 9 OF 99

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

145542 PM

9/16/2016

H:\2014\BE-365-44\SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE\PROJECT DEVELOPMENT\Plan_Sheets\Summary\13443_rssm_001.sht

SHEET NUMBER				14-35	36-44	45-63	64-74	75	76-90					
STATION - STATION														
ITEM NO.	ITEM	UNIT	TOTAL	ROADWAY	SWPPP	DRAINAGE	SIGNING & P.M.	TRAFFIC SIGNAL	TRAFFIC CONTROL					
201-005A	CLEARING & GRUBBING	AC	2.5	2.5										
203-060A	REM OF CONC SIDEWALK	SY	90	90										
203-070A	REM OF CURB & GUTTER	FT	355	355										
203-090A	REM OF INLET	EA	6			6								
203-095A	REM OF MANHOLE	EA	3			3								
205-005A	EXCAVATION	CY	3,080											
205-030A	BORROW	CY	2,300											
205-060A	WATER FOR DUST ABATEMENT	MG	650											
212-011A	FIBER WATTLE	FT	2,118		2,118									
212-020A	SILT FENCE	FT	1,325		1,325									
212-060A	STABILIZED CONST ENTRANCE	EA	3											
212-095A	INLET PROTECTION (UNPAVED AREA)	EA	6		6									
213-005A	TOPSOIL	CY	851.5		851.5									
303-022A	3/4" AGGR TY B FOR BASE	TON	9,310	9,310										
401-020A	CSS-1 DIL EMUL ASPH FOR TACK COAT	GAL	540	540										
405-245A	APPROACH	EA	18	18										
405-435A	SUPERPAVE HMA PAV INCL ASPH&ADD CL SP-3	TON	4,740	4,740										
605-025A	12" STORM SEWER PIPE	FT	157			157								
605-030A	15" STORM SEWER PIPE	FT	13			13								
605-035A	18" STORM SEWER PIPE	FT	2,397			2,397								
605-045A	24" STORM SEWER PIPE	FT	1,577			1,577								
605-465A	MANHOLE TY C	EA	16			16								
605-467A	MANHOLE TY D	EA	2			2								
605-540A	CATCH BASIN TY 6	EA	1			1								
605-630A	INLET TY 8	EA	7			7								
606-010A	6" PIPE UNDERDRAIN	FT	1,941			1,941								
614-015A	SIDEWALK	SY	2,503	2,503										
614-025A	CURB RAMP	SY	38	38										
615-492A	CURB & GUTTER TY 2	LF	7,200	7,200										
616-010A	SIGN TY B	SF	135.5				135.5							
616-035A	SIGN BRACKET & BRACE ANGLE	LB	193.9				193.9							
616-045A	BRKAWY STL SIGN POST TY B	LB	183.4				183.4							
616-050A	BRKAWY STL SIGN POST TY E	LB	1,082.1				1,082.1							
616-065A	BRKAWY STL SIGN POST INSTL TY B	EA	2				2							
616-070A	BRKAWY STL SIGN POST INSTL TY E	EA	14				14							

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED B. STURM
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_rssm_001.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO.
A013(443)

ROADWAY SUMMARY
 SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 10 OF 99

NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

145543 PM

9/16/2016

H:\2014\BE-365-44\Snoke River Ave Southway BR to 11th Ave\p_j13443\Project_Development\Plan_Sheets\Summary\13443_rssm_002.sht

SHEET NUMBER				14-35	36-44	45-63	64-74	75	76-90					
STATION - STATION														
ITEM NO.	ITEM	UNIT	TOTAL	ROADWAY	SWPPP	DRAINAGE	SIGNING & P.M.	TRAFFIC SIGNAL	TRAFFIC CONTROL					
618-025A	STREET MONUMENT	EA	1	1										
621-005A	SEED BED PREPARATION	AC	1.09		1.09									
621-010A	SEEDING	AC	1.09		1.09									
621-035A	FERTILIZING	AC	1.09		1.09									
621-060A	MULCH PLUS TACKIFIER	AC	1.09		1.09									
621-075A	ROLLED EROSION CONTROL PROD (RECP)	SY	495		495									
624-005A	LOOSE RIPRAP D ₅₀ = 6"	CY	41	17		24								
626-010A	CONST SIGN	SF	790						790					
626-040A	RENT CONST BARR CL B TY III	EA	8						8					
626-100A	MISCELLANEOUS TEMPORARY TRAFFIC CONTROL ITEMS	LS	1						1					
626-105A	TRAFFIC CONTROL MAINTENANCE	MNHR	450						450					
626-115A	PORTABLE TUBULAR MARKERS	EA	150						150					
626-120A	FLAGGER CONTROL	HR	1,000						1,000					
640-010A	RIPRAP/EROSION CONT GEOTEXTILE	SY	160	67		93								
656-005A	TRAFFIC SIGNAL INSTALLATION	LS	1											
S105-05A	DIRECTED SURVEYING 2-PERSON CREW	HR	40											
S105-05D	DIRECTED SURVEYING OFFICE COMPUTATIONS	HR	20											
S105-10A	SURVEY	LS	1											
S501-15A	RETAINING WALL	SF	1,633	1,633										
S600-10A	ADJUST VALVE	EA	8	8										
S605-05A	ADJUST MANHOLE	EA	8	8										
S626-35A	NIGHT WORK LIGHTING	LS	1											
S656-06A	TRAF DETECTOR LOOPS	EA	3	3										
S900-50A	CONTINGENCY AMOUNT EROSION CONTROL	CA	1											
S900-60A	PAV MARKING WATERBORNE	FT	9,515				9,515							
S900-62A	PAV MARKING THERMOPLASTIC	SF	232				232							
S900-65A	SPECIAL PAV MARKINGS	SF	334				334							
S901-05A	SP STORM DRAIN INLET	EA	21			21								
S901-05B	SP REM & RESET LUMINAIRE AND JUNCTION BOX	EA	1	1										
S901-05C	SP REM & RESET FIRE HYDRANT	EA	2	2										
S901-05D	SP INLET PROTECTION (PAVED AREA)	EA	27		27									
S901-05E	SP ADJUST FIRE HYDRANT	EA	1	1										
S911-05A	SP TEMPORARY CHAIN LINK FENCE	FT	1,320	1,320										
S911-05B	SP REM OF PIPE	FT	828			828								
S911-05C	SP 30" STEEL CASING	FT	20			20								
Z629-05A	MOBILIZATION	LS	1											

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 13443_rssm_002.sht DRAWING DATE: 9/16/2016
DESIGN CHECKED H. CARTER	
DETAILED B. STURM	
DRAWING CHECKED H. CARTER	

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO. A013(443)

ROADWAY SUMMARY SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE

English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 11 OF 99

NOT APPROVED FOR PRELIMINARY CONSTRUCTION

145543 PM

9/16/2016

H:\2014\BE-365-44\Snake River Ave Southway BR to 11th Ave\Project_Development\Plan_Sheets\Summary\13443_hysm_001.sht

STATION TO STATION	SANITARY/STORM SEWER PIPE (LENGTH IN FEET)						PLASTIC PIPE				SIPHON TYPE METAL PIPE + COATING IS REQUIRED IF CHECKED				CONCRETE PIPE			MAN-HOLES		CATCH BASINS			INLETS			REMARKS	
	PIPE SIZE (INCHES)						CORRUGATED POLYETHYLENE (PE)	RIBBED POLYVINYL CHLORIDE (PVC)	SOLID WALL POLYVINYL CHLORIDE (PVC)	ABS COMPOSITE	STEEL		ALUM.		+ BITUMINOUS OR POLYMER COATING	REINFORCED CLASS	NON-REINFORCED CLASS	TYPE OF BEDDING	TYPE C	TYPE D	TYPE 6	TYPE	TYPE	STORM DRAIN INLET	TYPE 8		TYPE
	12	15	18	24							1/2 IN CORR. DEPTH	--- CORR. DEPTH	1/4 IN TO 1/2 IN CORR. DEPTH	--- CORR. DEPTH					THICKNESS	(INCHES)	X	1,2,3	EA.	EA.	EA.		EA.
STA. 803+04.74 TO STA. 805+00.00	13			91			X	X	X						III	X	1										
STA. 805+00.00 TO STA. 810+00.00	20		267	164			X	X							III	X	1	2									
STA. 810+00.00 TO STA. 815+00.00	20		70				X	X							III	X	1							1			
STA. 815+00.00 TO STA. 820+00.00	20		64				X	X							III	X	1	1						2	2		
STA. 820+00.00 TO STA. 825+00.00	20		13				X	X							III	X	1										
STA. 825+00.00 TO STA. 830+00.00	20		25				X	X							III	X	1										
STA. 830+00.00 TO STA. 835+00.00	20		16				X	X							III	X	1										
STA. 835+00.00 TO STA. 840+00.00	20		91				X	X							III	X	1										
STA. 840+00.00 TO STA. 845+00.00	11						X	X							III	X	1										
STA. 845+00.00 TO STA. 850+00.00																											
STA. 850+00.00 TO STA. 855+00.00																											
STA. 855+00.00 TO STA. 860+00.00																											
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STA. 995+00.00 TO STA. 1000+00.00																											
SHEET TOTAL	156		1688	817														10						8	5		
PROJECT TOTAL																											

ORIGINAL STORED AT: ITD, District 3 8150 Chinden Boulevard, Boise, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED K. A. DAVIDSON	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 13443_hysm_001.sht DRAWING DATE: 9/16/2016
DESIGN CHECKED D. BARKER	
DETAILED R. WALN	
DRAWING CHECKED K. HOOPES	

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO. A013(443)

SEWER PIPE SUMMARY SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE
--

English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 12 OF 99

NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

145514 PM

9/16/2016

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STATION TO STATION	SANITARY/STORM SEWER PIPE (LENGTH IN FEET)						PLASTIC PIPE				SIPHON TYPE METAL PIPE + COATING IS REQUIRED IF CHECKED				CONCRETE PIPE			MAN-HOLES		CATCH BASINS			INLETS			REMARKS	
	PIPE SIZE (INCHES)						CORRUGATED POLYETHYLENE (PE)	RIBBED POLYVINYL CHLORIDE (PVC)	SOLID WALL POLYVINYL CHLORIDE (PVC)	ABS COMPOSITE	STEEL		ALUM.		+ BITUMINOUS OR POLYMER COATING	REINFORCED CLASS	NON-REINFORCED CLASS	TYPE OF BEDDING	TYPE--C---	TYPE--D---	TYPE--6---	TYPE-----	TYPE-----	STORM DRAIN INLET	TYPE--8---		TYPE-----
	12	15	18	24							1/2 IN CORR. DEPTH	--- CORR. DEPTH	1/4 IN TO 1/2 IN CORR. DEPTH	--- CORR. DEPTH					THICKNESS	(INCHES)	II-V	X	1,2,3	EA.	EA.		EA.
STA. 830+00.00 TO STA. 835+00.00		13	54	65			X	X	X						III	X	1	3	2	1			5	1			
			63	53			X	X							III		1										
			5	90			X	X							III		1										
			32	253			X	X							III		1										
			11	51			X	X							III		1										
			23				X	X							III		1										
			13				X	X							III		1										
			80				X	X							III		1										
				148			X	X							III		1										
STA. 835+00.00 TO STA. 835+99.78			24	100			X	X						III		1	1					2					
			12				X	X						III		1											
STA. 901+50.00 TO STA. 902+68.40			21				X	X						III		1	2					1	1				
			23				X	X						III		1											
			99				X	X						III		1											
			5				X	X						III		1											
			244				X	X						III		1											
SHEET TOTAL		13	709	760													6	2	1			8	2				
PROJECT TOTAL	156	13	2397	1577																							

ORIGINAL STORED AT: ITD, District 3 8150 Chinden Boulevard, Boise, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED K. A. DAVIDSON	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 13443_hysm_002.sht DRAWING DATE: 9/16/2016
DESIGN CHECKED D. BARKER	
DETAILED R. WALN	
DRAWING CHECKED K. HOOPES	

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO.
A013(443)

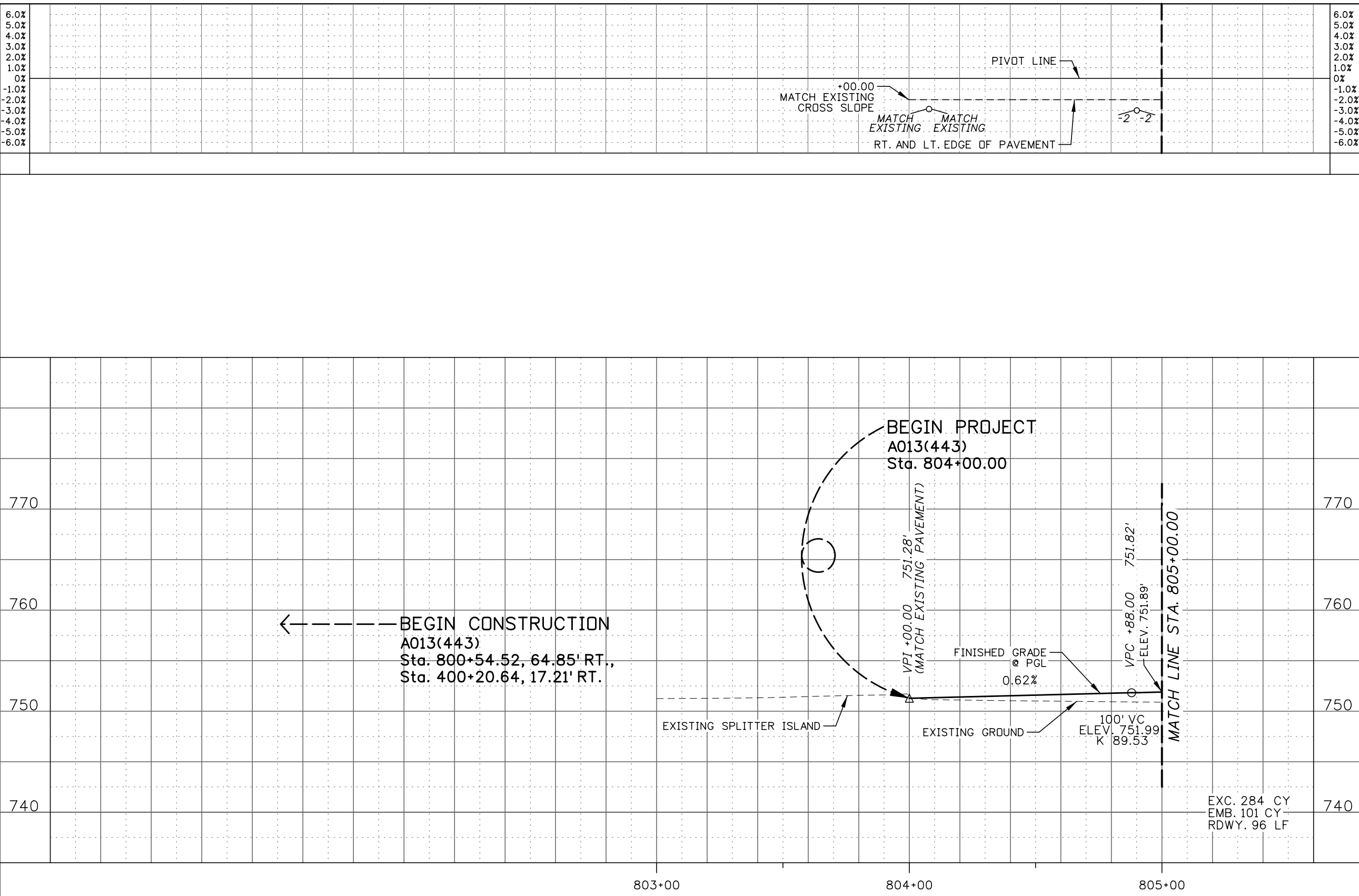
SEWER PIPE SUMMARY (CONT.)
**SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE**

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 13 OF 99

NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

H5546 PM

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6.0%
5.0%
4.0%
3.0%
2.0%
1.0%
0%
-1.0%
-2.0%
-3.0%
-4.0%
-5.0%
-6.0%

NOTES:

1. EXC. & EMB. ON THIS SHEET INCLUDES WORK STARTING AT BEGINNING OF CONSTRUCTION

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_prof_001.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO.
A013(443)

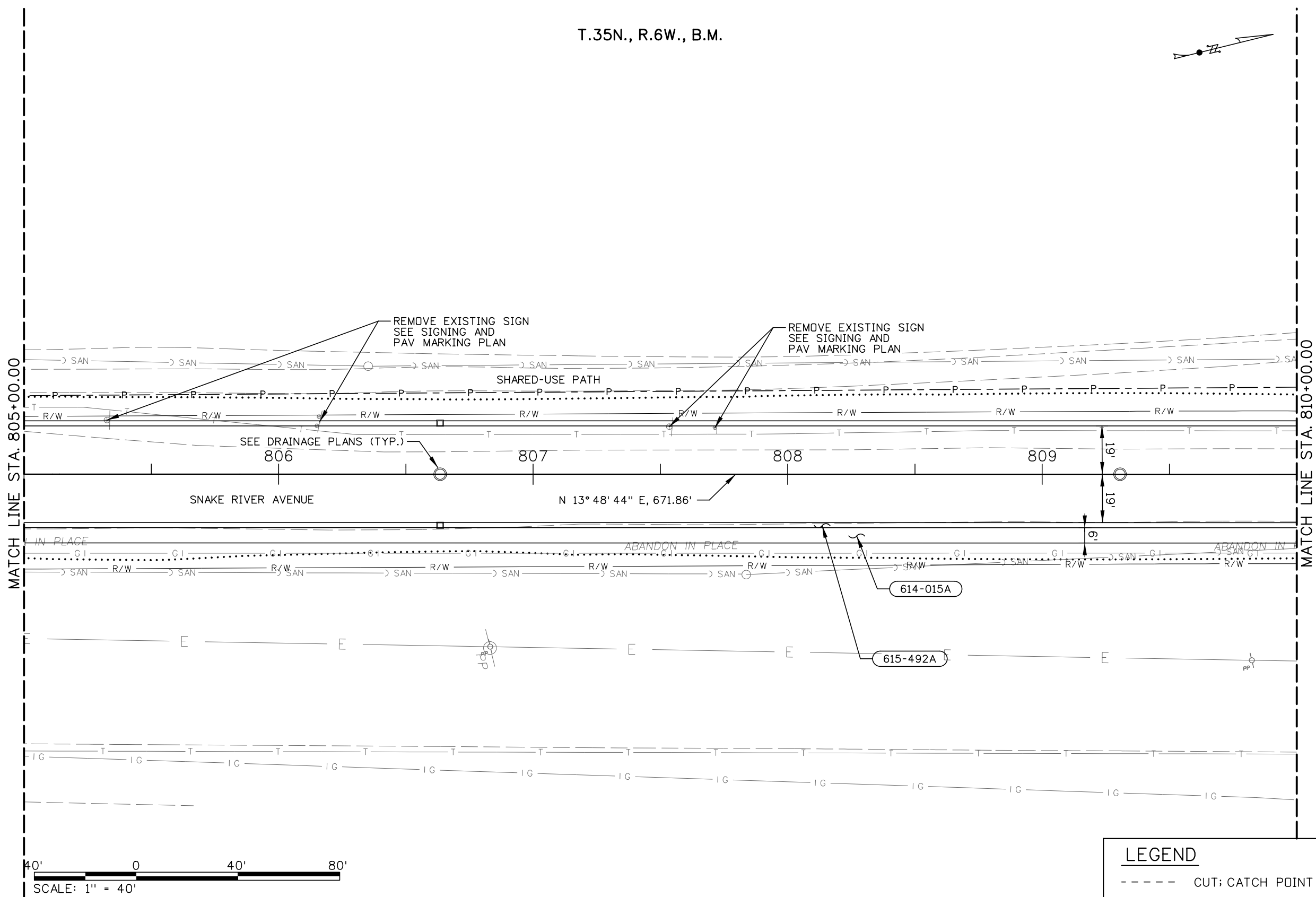
ROADWAY PROFILE SHEET
 SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE
 STA. 803+00.00 TO STA. 805+00.00

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 16 OF 99

NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

H:\2014\BE-365-141\Snake River Ave Southway BR to 11th Ave\prj\3443\Project_Development\Plan_Sheets\Roadway_Design\13443_plan_002.sht 9/16/2016 1:55:17 PM

T.35N., R.6W., B.M.



- 614-015A SIDEWALK
334 SY STA. 805+00.00, RT. TO STA. 810+00.00, RT.
- 615-492A CURB & GUTTER TY 2
1,000 LF STA. 805+00.00, RT. & LT. TO STA. 810+00.00, RT. & LT.

NOTES:

1. REMOVAL OF EXISTING SIGNS IS INCIDENTAL TO THE COST OF REPLACEMENT SIGNS AND POSTS.
ITEMS 616-010A - 616-070A



LEGEND	
-----	CUT; CATCH POINT
.....	FILL; CATCH POINT
-----	BOTTOM OF DITCH

ORIGINAL STORED AT: ITD, District 2
2600 North & South Highway,
Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
DESIGN CHECKED H. CARTER
DETAILED C. DAVIDSON
DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 13443_plan_002.sht
DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO.
A013(443)

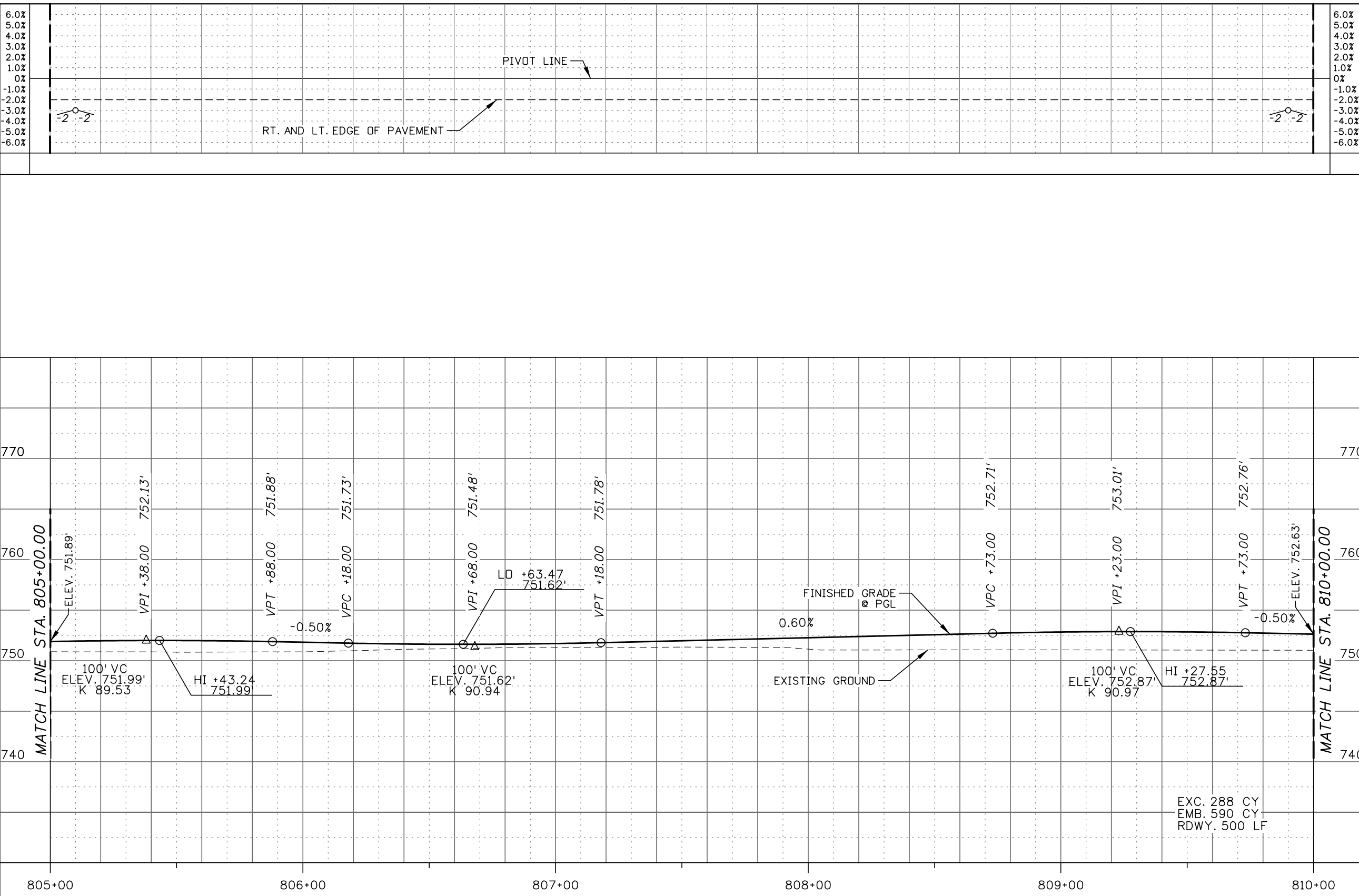
ROADWAY PLAN SHEET
**Snake River Ave
Southway BR to 11th Ave
Sta. 805+00.00 to Sta. 810+00.00**

English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 17 OF 99

**NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION**

145548 PM

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-4.0%
-5.0%
-6.0%

770

760

750

740

810+00

ORIGINAL STORED
AT: ITD, District 3
8150 Chinden
Boulevard,
Boise, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED
C. DAVIDSON
DESIGN CHECKED
H. CARTER
DETAILED
C. DAVIDSON
DRAWING CHECKED
H. CARTER

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY
CADD FILE NAME
13443_prof_002.sht
DRAWING DATE:
9/16/2016

**IDAHO
TRANSPORTATION
DEPARTMENT**



**HORROCKS
ENGINEERS**

PROJECT NO.

A013(443)

ROADWAY PROFILE SHEET

SNAKE RIVER AVE
SOUTHWAY BR TO 11TH AVE
STA. 805+00.00 TO STA. 810+00.00

English
COUNTY
NEZ PERCE
KEY NUMBER
13443
SHEET 18 OF 99

NOT
APPROVED
PRELIMINARY
FOR
CONSTRUCTION

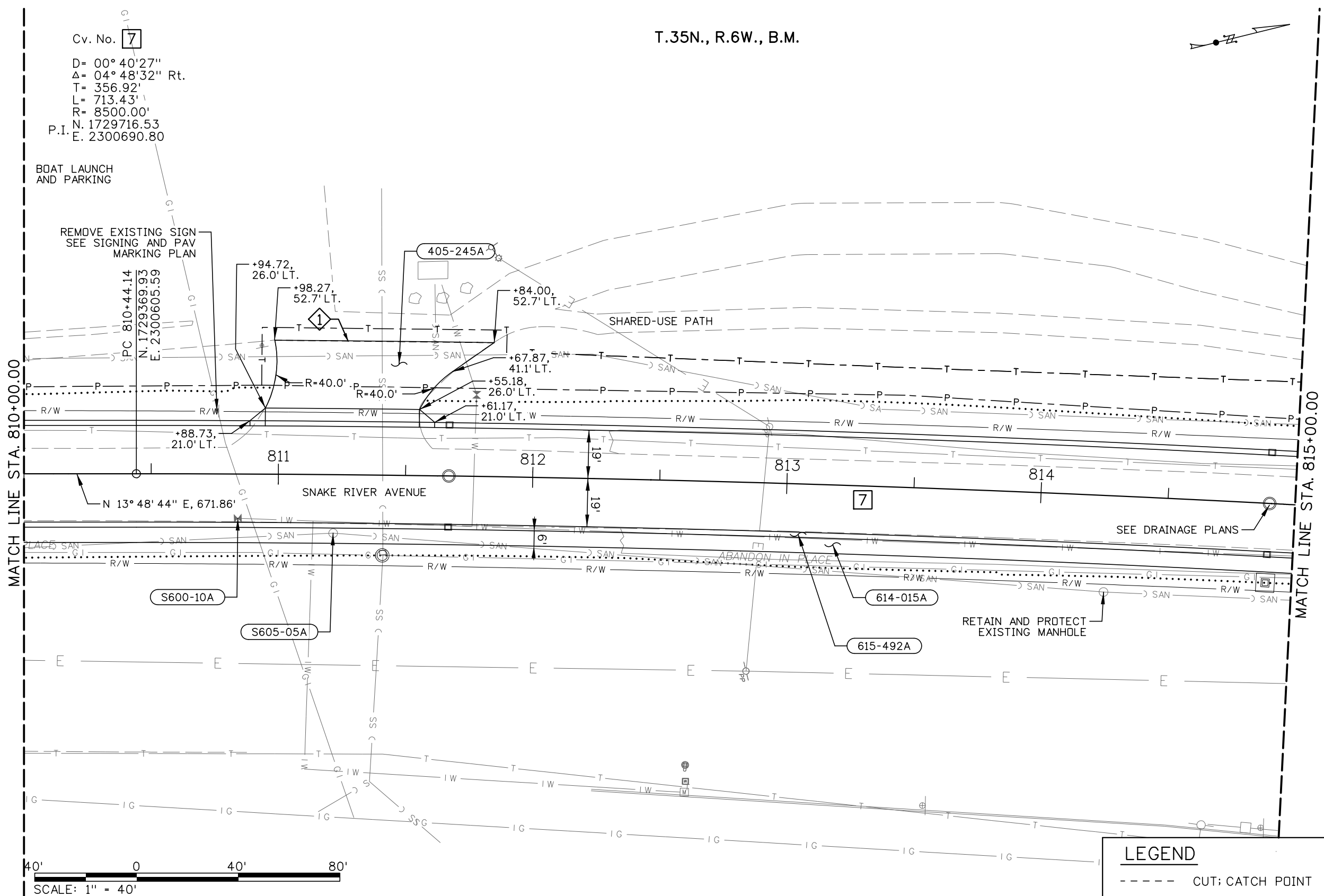
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T.35N., R.6W., B.M.



- 405-245A APPROACH
1 EA STA. 811+25.00, LT.
Width = 60.5'
- 614-015A SIDEWALK
334 SY STA. 810+00.00, RT. TO
STA. 815+00.00, RT.
- 615-492A CURB & GUTTER TY 2
1,000 LF STA. 810+00.00, RT. & LT. TO
STA. 815+00.00, RT. & LT.
- S600-10A ADJUST VALVE
1 EA STA. 810+84.00, 17.44' RT. TO
- S605-05A ADJUST MANHOLE
1 EA STAS. 811+21.74, 23.0' RT. TO



- NOTES:**
1. REMOVAL OF EXISTING SIGNS IS INCIDENTAL TO THE COST OF REPLACEMENT SIGNS AND POSTS.
ITEMS 616-010A - 616-070A
 - 1 SAWCUT EXISTING PAVEMENT MATCH EXISTING ELEVATION AND CROSS SLOPE.
COST SHALL BE INCIDENTAL TO ITEM 205-005A EXCAVATION.



LEGEND

-----	CUT; CATCH POINT
.....	FILL; CATCH POINT
-----	BOTTOM OF DITCH

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_plan_003.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO. A013(443)

ROADWAY PLAN SHEET
Snake River Ave
 SOUTHWAY BR TO 11TH AVE
 STA. 810+00.00 TO STA. 815+00.00

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 19 OF 99

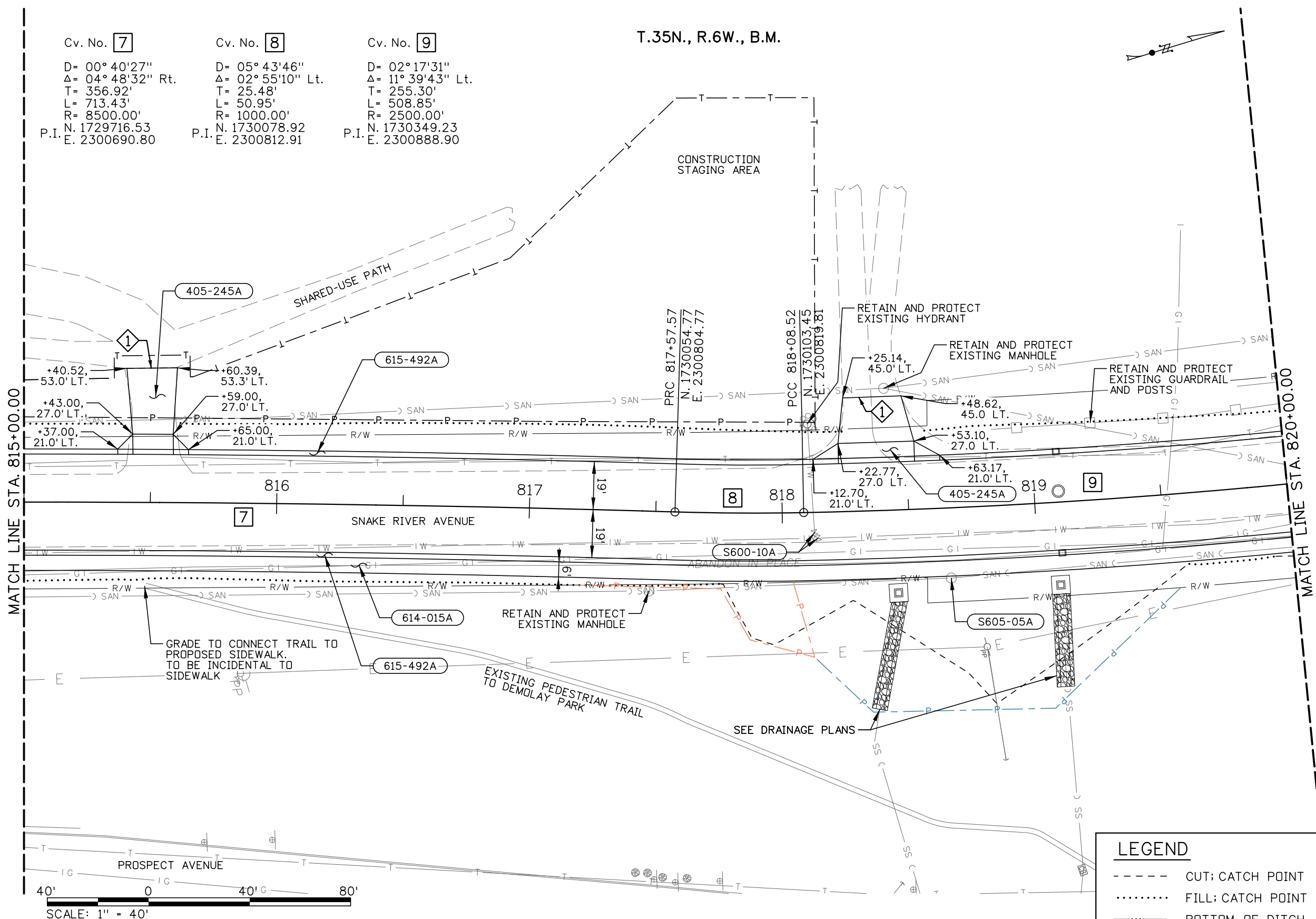
NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

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T.35N., R.6W., B.M.

Cv. No. [7]	Cv. No. [8]	Cv. No. [9]
D= 00° 40' 27"	D= 05° 43' 46"	D= 02° 17' 31"
Δ= 04° 48' 32" Rt.	Δ= 02° 55' 10" Lt.	Δ= 11° 39' 43" Lt.
T= 356.92'	T= 25.48'	T= 255.30'
L= 713.43'	L= 50.95'	L= 508.85'
R= 8500.00'	R= 1000.00'	R= 2500.00'
P.I. N. 1729716.53 E. 2300690.80	P.I. N. 1730078.92 E. 2300812.91	P.I. N. 1730349.23 E. 2300888.90



- 405-245A** APPROACH
 - 1 EA STA. 815+50.00, LT. Width = 16.0'
 - 1 EA STA. 818+38.00, LT. Width = 30.0'
- 614-015A** SIDEWALK
 - 334 SY STA. 815+00.00, RT. TO STS. 820+00.00, RT.
- 615-492A** CURB & GUTTER TY 2
 - 1,000 LF Sta. 815+00.00, RT. & LT. TO STA. 820+00.00, RT. & LT.
- S600-10A** ADJUST VALVE
 - 1 EA STA. 818+12.63, 7.99' RT. TO
 - 1 EA STA. 818+13.95, 10.27' RT. TO
- S605-05A** ADJUST MANHOLE
 - 1 EA STA. 818+65.72, 27.76' RT. TO

NOTES:

1 SAWCUT EXISTING PAVEMENT MATCH EXISTING ELEVATION AND CROSS SLOPE. COST SHALL BE INCIDENTAL TO ITEM 205-005A EXCAVATION

LEGEND

---	CUT; CATCH POINT
.....	FILL; CATCH POINT
---	BOTTOM OF DITCH

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_plan_004.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



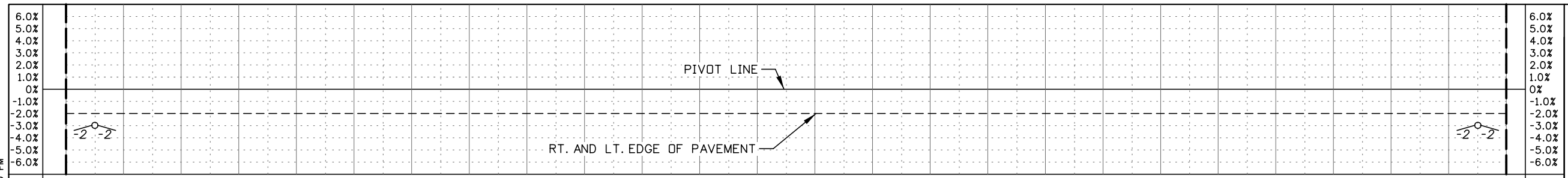
HORROCKS ENGINEERS

PROJECT NO. A013(443)

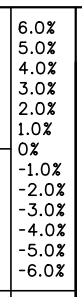
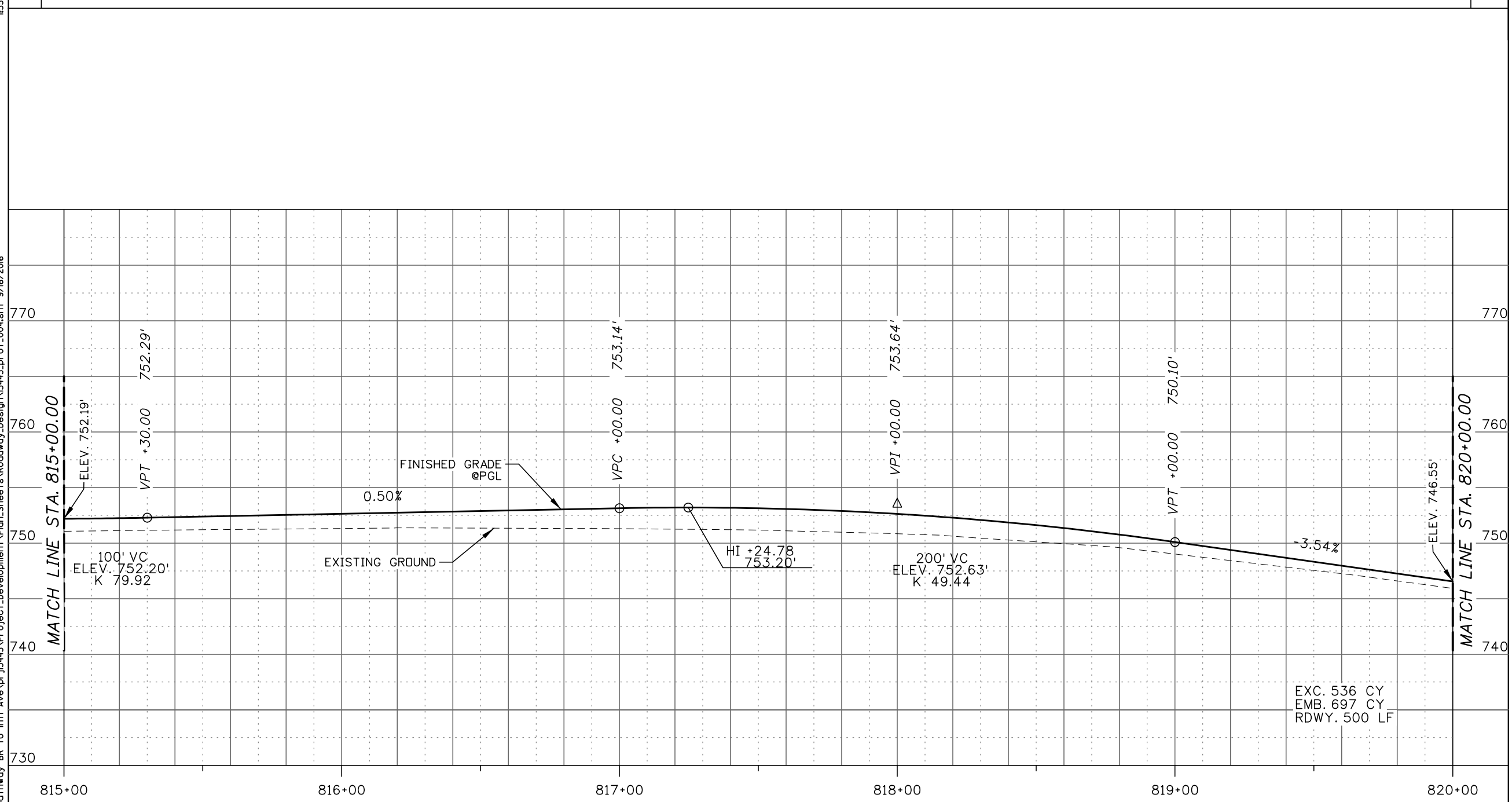
ROADWAY PLAN SHEET
Snake River Ave
 SOUTHWAY BR TO 11TH AVE
 STA. 815+00.00 TO STA. 820+00.00

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 21 OF 99

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ORIGINAL STORED
AT: ITD, District 3
8150 Chinden
Boulevard,
Boise, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED
C. DAVIDSON
DESIGN CHECKED
H. CARTER
DETAILED
C. DAVIDSON
DRAWING CHECKED
H. CARTER

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY
CADD FILE NAME
13443_prof_004.sht
DRAWING DATE:
9/16/2016

**IDAHO
TRANSPORTATION
DEPARTMENT**



**HORROCKS
ENGINEERS**

PROJECT NO.

A013(443)

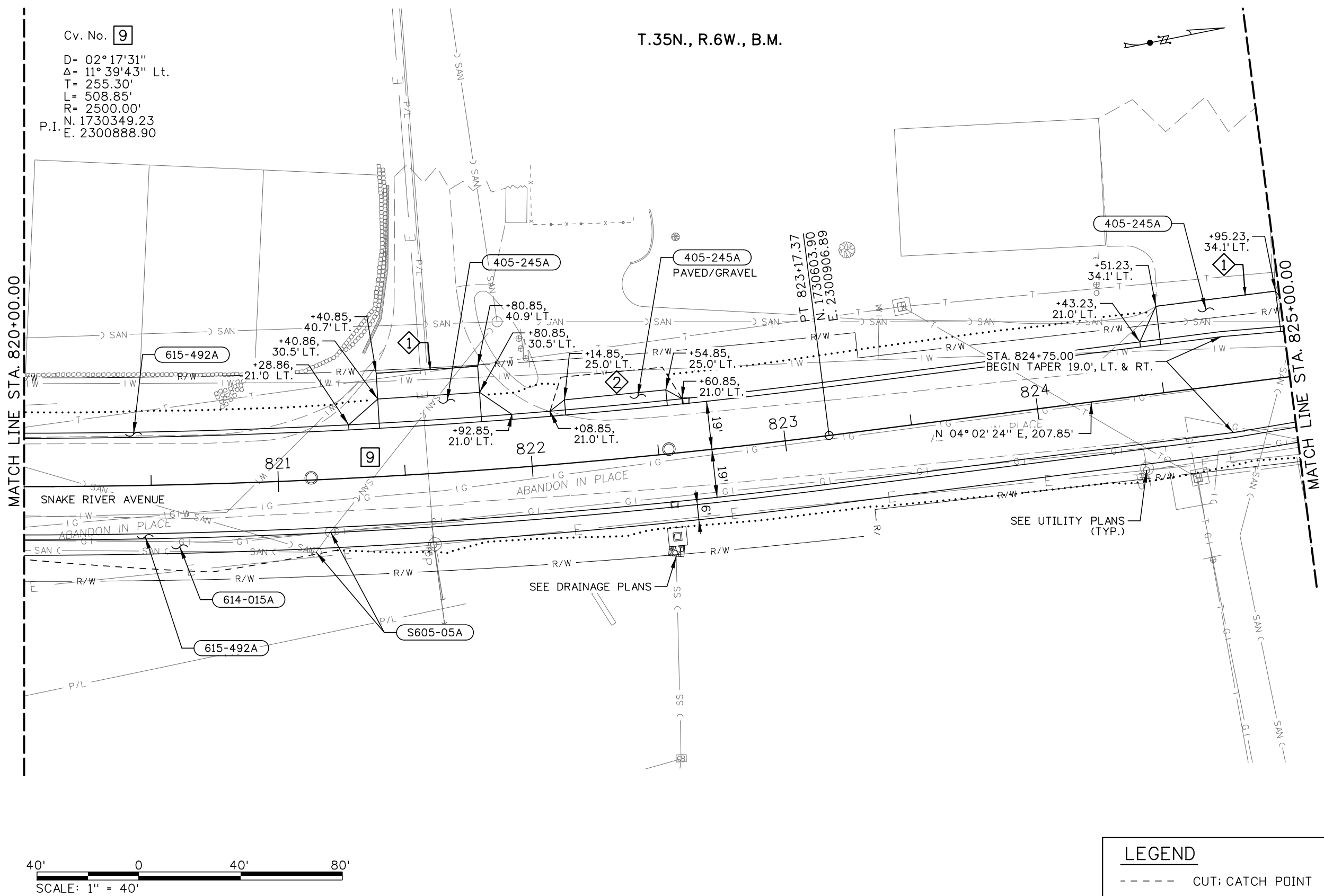
ROADWAY PROFILE SHEET

SNAKE RIVER AVE
SOUTHWAY BR TO 11TH AVE
STA. 815+00.00 TO STA.820+00.00

English
COUNTY
NEZ PERCE
KEY NUMBER
13443
SHEET 22 OF 99

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

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- 405-245A** APPROACH
 - 1 EA STA. 821+61.00, LT. Width = 40.0'
 - 1 EA STA. 822+35.00, LT. Width = 40.0'
 - 1 EA STA. 824+75.00, LT. Width = 44.0'
- 614-015A** SIDEWALK
 - 334 SY STA. 820+00.00, RT. TO STA. 825+00.00, RT.
- 615-492A** CURB & GUTTER TY 2
 - 1,000 LF STA. 820+00.00, RT. & LT. TO STA. 825+00.00, RT. & LT.
- S605-05A** ADJUST MANHOLE
 - 1 EA STA. 821+13.60, 28.4' RT.
 - 1 EA STA. 821+19.53, 20.8' RT.

- NOTES:**
- ① SAWCUT EXISTING PAVEMENT MATCH EXISTING ELEVATION AND CROSS SLOPE. COST SHALL BE INCIDENTAL TO ITEM 205-005A EXCAVATION
 - ② CONSTRUCT 4 FT PAVED APRON AND USE SUITABLE GRAVEL MATERIAL TO GRADE TO MATCH EXISTING. COST IS INCIDENTAL TO PAY ITEM 405-245A APPROACH.

LEGEND	
-----	CUT; CATCH POINT
.....	FILL; CATCH POINT
.....	BOTTOM OF DITCH

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_plan_005.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO. A013(443)

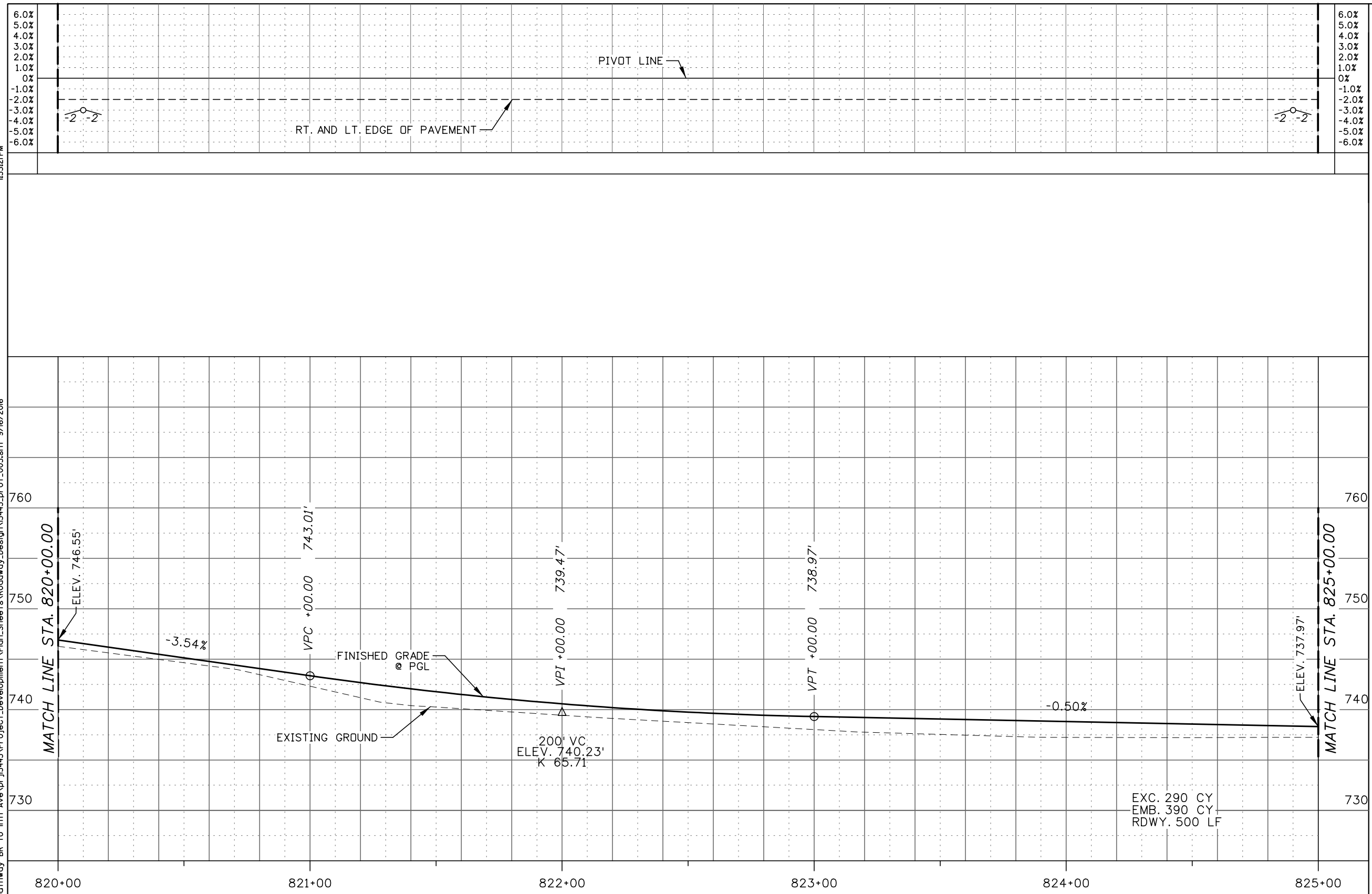
ROADWAY PLAN SHEET
Snake River Ave
 SOUTHWAY BR TO 11TH AVE
 STA. 820+00.00 TO STA. 825+00.00

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 23 OF 99

NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

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EXC. 290 CY
EMB. 390 CY
RDWY. 500 LF

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. DAVIDSON
DESIGN CHECKED	H. CARTER
DETAILED	C. DAVIDSON
DRAWING CHECKED	H. CARTER

SCALES SHOWN	ARE FOR 11" X 17"
PRINTS ONLY	
CADD FILE NAME	13443_prof_005.sht
DRAWING DATE:	9/16/2016

IDAHO
TRANSPORTATION
DEPARTMENT



HORROCKS
ENGINEERS

PROJECT NO.	A013(443)
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ROADWAY PROFILE SHEET	SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE STA. 820+00.00 TO STA. 825+00.00
-----------------------	--

English	
COUNTY	NEZ PERCE
KEY NUMBER	13443
SHEET	24 OF 99

ORIGINAL STORED
AT: ITD, District 3
8150 Chinden
Boulevard,
Boise, ID

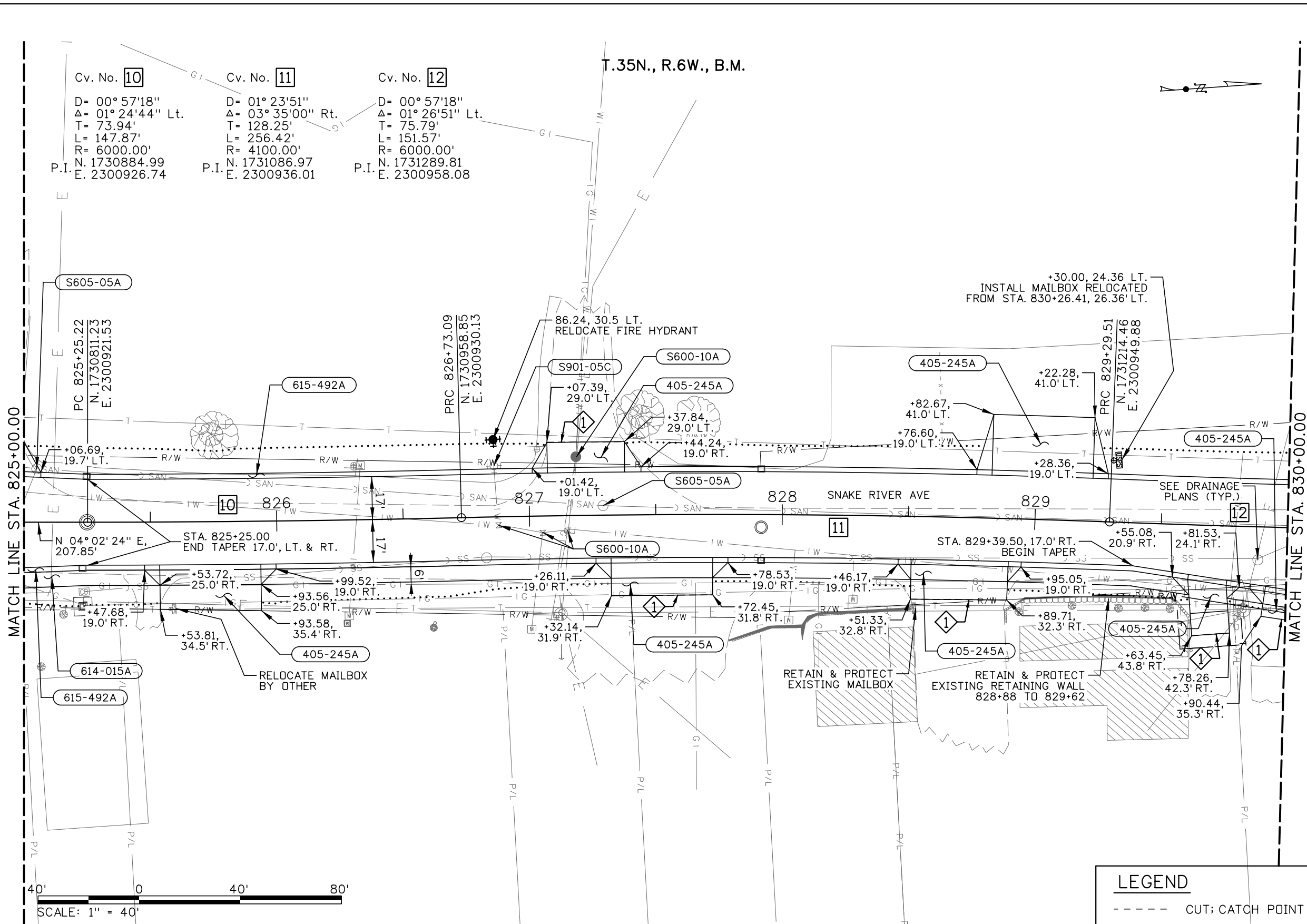
NOT
 APPROVED
 PRELIMINARY
 FOR
 CONSTRUCTION

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T.35N., R.6W., B.M.

Cv. No. 10	Cv. No. 11	Cv. No. 12
D= 00° 57'18"	D= 01° 23'51"	D= 00° 57'18"
Δ= 01° 24'44" Lt.	Δ= 03° 35'00" Rt.	Δ= 01° 26'51" Lt.
T= 73.94'	T= 128.25'	T= 75.79'
L= 147.87'	L= 256.42'	L= 151.57'
R= 6000.00'	R= 4100.00'	R= 6000.00'
P.I. N. 1730884.99 E. 2300926.74	P.I. N. 1731086.97 E. 2300936.01	P.I. N. 1731289.81 E. 2300958.08



405-245A APPROACH

1	EA	STA. 825+74.00, RT.	Width = 40.0'
1	EA	STA. 827+23.00, LT.	Width = 30.0'
1	EA	STA. 827+52.00, RT.	Width = 40.0'
1	EA	STA. 828+71.00, RT.	Width = 38.0'
1	EA	STA. 829+02.00, LT.	Width = 40.0'
1	EA	STA. 829+71.00, RT.	Width = 15.0'
1	EA	STA. 830+00.00, RT.	Width = 20.0'

614-015A SIDEWALK

334	SY	STA. 825+00.00, RT. TO STA. 830+00.00, RT.
-----	----	--

615-492A CURB & GUTTER TY 2

1,000	LF	STA. 825+00.00, RT. & LT. TO STA. 830+00.00, RT. & LT.
-------	----	--

S600-10A ADJUST VALVE

1	EA	STA. 826+87.77, 3.35' RT.
1	EA	STA. 827+05.12, 6.57' RT.
1	EA	STA. 827+15.06, 5.93' RT.

S605-05A ADJUST MANHOLE

1	EA	STA. 825+05.09, 21.13' LT. TO
1	EA	STA. 827+29.16, 3.74' LT. TO

S901-05C REM & RESET FIRE HYDRANT

1	EA	STA. 826+86.32, 20.3' LT.
---	----	---------------------------

NOTES:

1 SAWCUT EXISTING PAVEMENT MATCH EXISTING ELEVATION AND CROSS SLOPE. COST SHALL BE INCIDENTAL TO ITEM 205-005A EXCAVATION

LEGEND

-----	CUT; CATCH POINT
.....	FILL; CATCH POINT
.....	BOTTOM OF DITCH

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_plan_006.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO. A013(443)

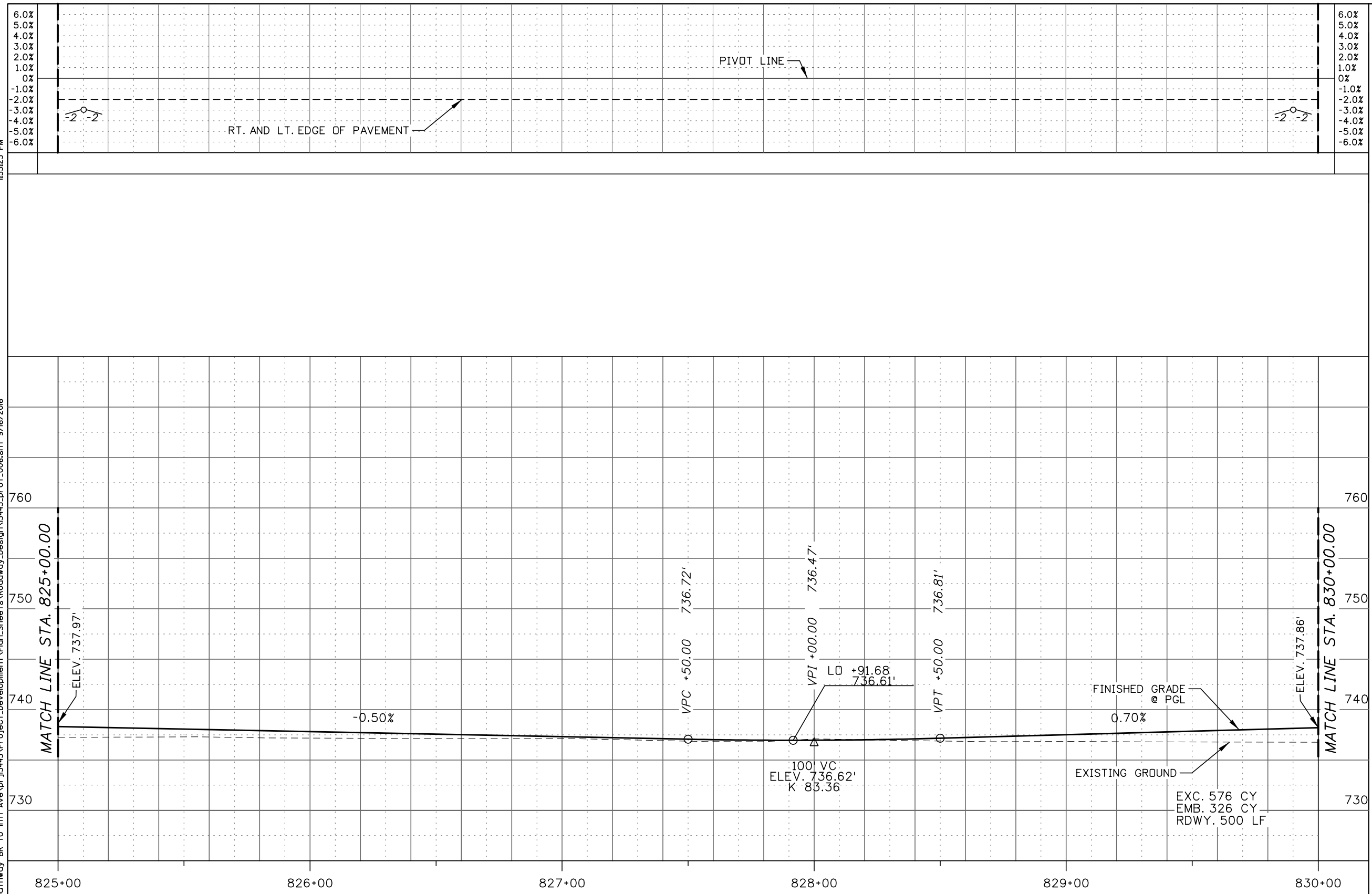
ROADWAY PLAN SHEET
Snake River Ave
 SOUTHWAY BR TO 11TH AVE
 STA. 825+00.00 TO STA. 830+00.00

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 25 OF 99

NOT APPROVED
 PRELIMINARY FOR CONSTRUCTION

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EXC. 576 CY
EMB. 326 CY
RDWY. 500 LF

ORIGINAL STORED
AT: ITD, District 3
8150 Chinden
Boulevard,
Boise, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. DAVIDSON
DESIGN CHECKED	H. CARTER
DETAILED	C. DAVIDSON
DRAWING CHECKED	H. CARTER

SCALES SHOWN	ARE FOR 11" X 17"
PRINTS ONLY	
CADD FILE NAME	13443_prof_006.sht
DRAWING DATE:	9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO.	A013(443)
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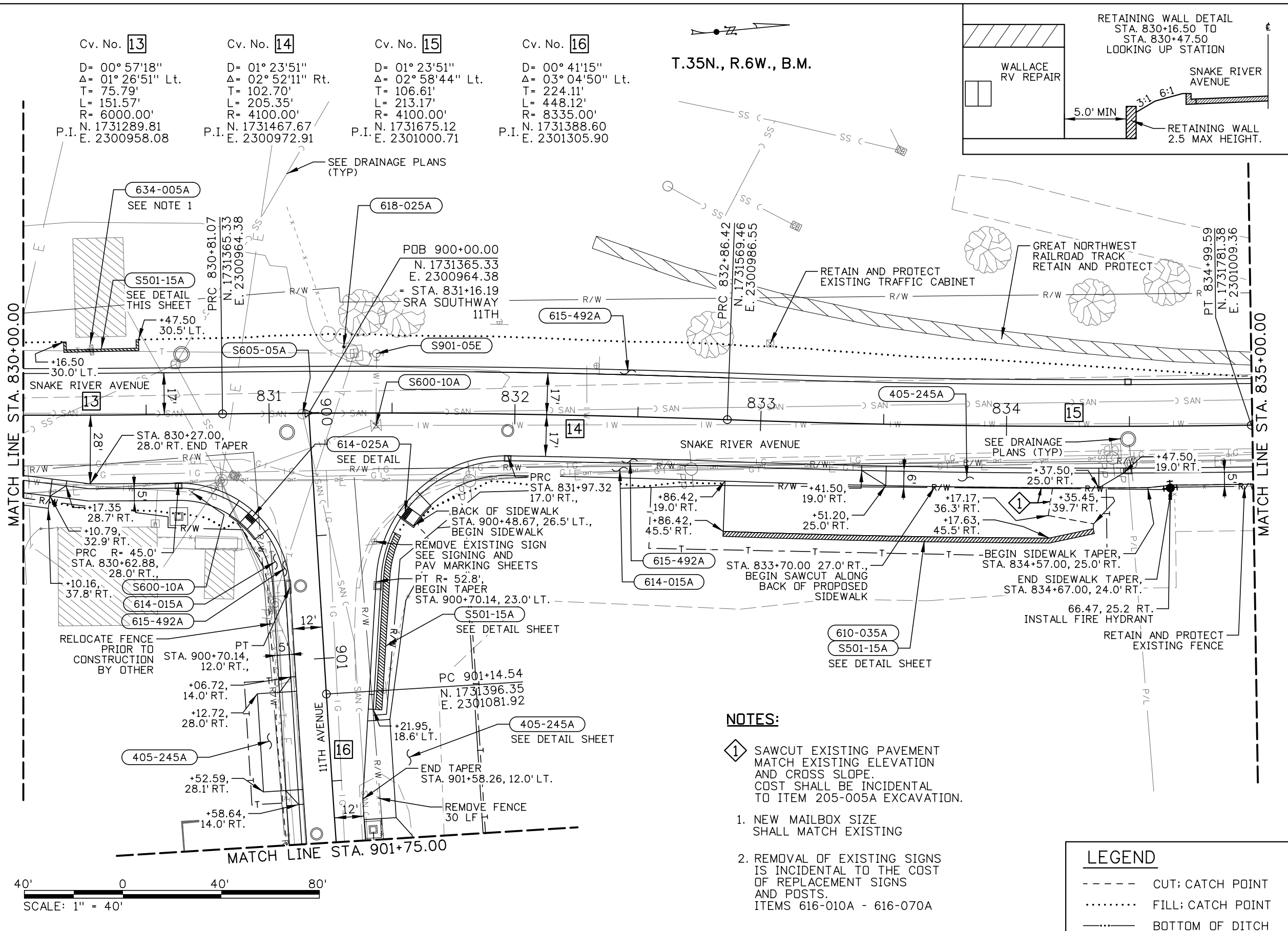
ROADWAY PROFILE SHEET

**Snake River Ave
Southway BR to 11th Ave
Sta. 825+00.00 to Sta. 830+00.00**

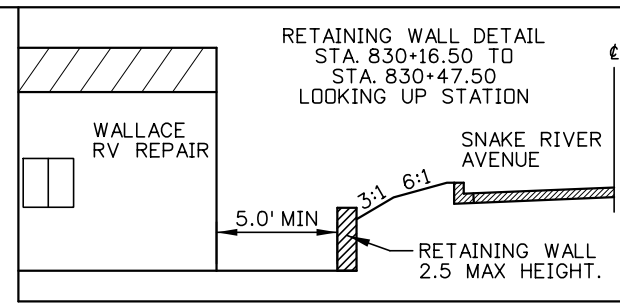
English	
COUNTY	NEZ PERCE
KEY NUMBER	13443
SHEET	26 OF 99

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

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405-245A APPROACH	
1 EA	STA. 901+33.00, RT. Width = 40.0'
1 EA	STA. 901+47.00, LT. Width = 40.0'
1 EA	STA. 833+95.00, RT. Width = 86.0'
610-035A FENCE TY. 4	
149 FT	STA. 832+86.42, RT. TO STA. 834+35.45, RT.
614-015A SIDEWALK	
128 SY	STA. 830+00.00, RT. TO STA. 901+75.00, RT.
231 SY	STA. 900+48.67, LT. TO STA. 835+00.00, RT.
614-025A CURB RAMP	
10 SY	STA. 900+40.64, 25.7' RT.
9 SY	STA. 900+42.65, 36.4' LT.
615-492A CURB & GUTTER TY 2	
234 LF	STA. 830+00.00, RT. TO STA. 901+75.00, RT.
500 LF	STA. 830+00.00, LT. TO STA. 835+00.00, LT.
435 LF	STA. 901+21.95, LT. TO STA. 835+00.00, RT.
618-025A STREET MONUMENT	
1 EA	STA. 831+30.38, 26.89' LT.
634-005A MAILBOX	
1 EA	STA. 830+26.41, 26.36' LT.
S501-15A RETAINING WALL	
100 SF	STA. 830+16.50, 30.0 LT. TO STA. 830+47.50, 30.5' LT. 2.5' MAX HEIGHT
290 SF	STA. 900+50.95, 32.0' LT. TO STA. 901+22.00, 19.6' LT., 4.0' MAX HEIGHT
975 SF	STA. 832+86.00, 45.5' RT. TO STA. 834+34.50, 41.7' RT. 6.5' MAX HEIGHT
S600-10A ADJUST VALVE	
1 EA	STA. 830+68.10, 31.4' RT.
1 EA	STA. 831+43.45, 5.0' RT.
S605-05A ADJUST MANHOLE	
1 EA	STA. 831+13.63, 0.4' RT.
S901-05E ADJUST FIRE HYDRANT	
1 EA	STA. 831+43.62, 24.2' LT.



NOTES:

- 1. SAWCUT EXISTING PAVEMENT MATCH EXISTING ELEVATION AND CROSS SLOPE. COST SHALL BE INCIDENTAL TO ITEM 205-005A EXCAVATION.
- 1. NEW MAILBOX SIZE SHALL MATCH EXISTING
- 2. REMOVAL OF EXISTING SIGNS IS INCIDENTAL TO THE COST OF REPLACEMENT SIGNS AND POSTS. ITEMS 616-010A - 616-070A

LEGEND

- CUT; CATCH POINT
- FILL; CATCH POINT
- BOTTOM OF DITCH



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_plan_007.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO. A013(443)

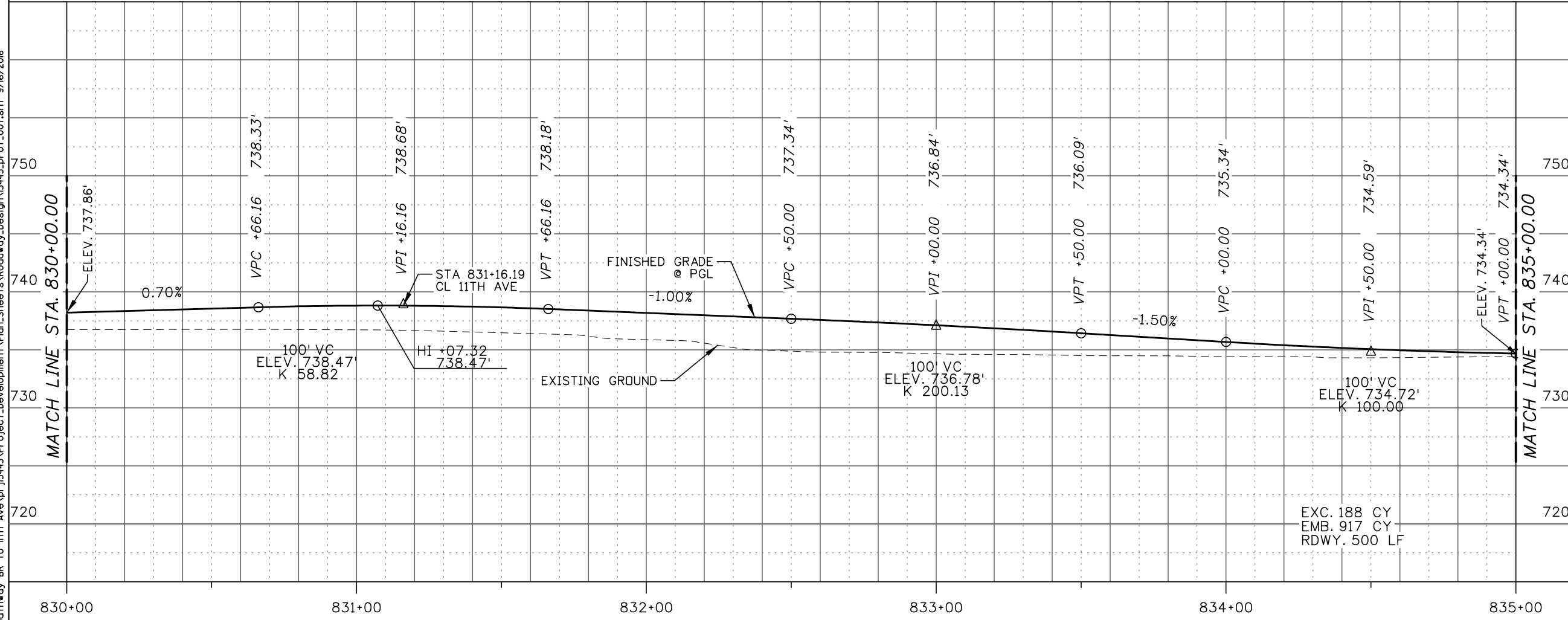
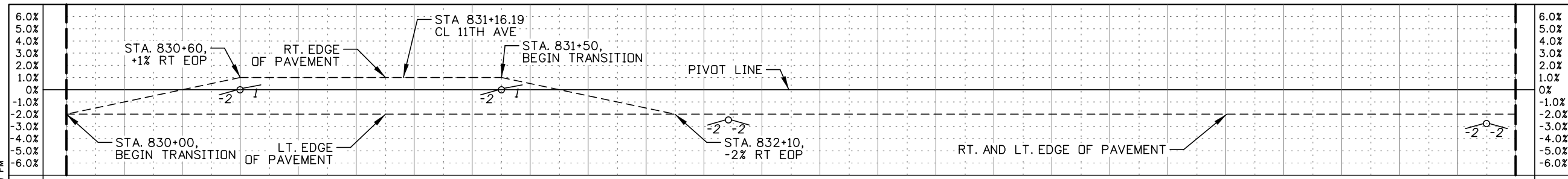
ROADWAY PLAN SHEET
**Snake River Ave
 Southway BR to 11th Ave
 STA. 830+00.00 TO STA. 835+00.00**

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 27 OF 99

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
DESIGN CHECKED H. CARTER
DETAILED C. DAVIDSON
DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 13443_prof_007.sht
DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO. A013(443)

ROADWAY PROFILE SHEET
SNAKE RIVER AVE
SOUTHWAY BR TO 11TH AVE
STA. 830+00.00 TO STA. 835+00.00

English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 28 OF 99

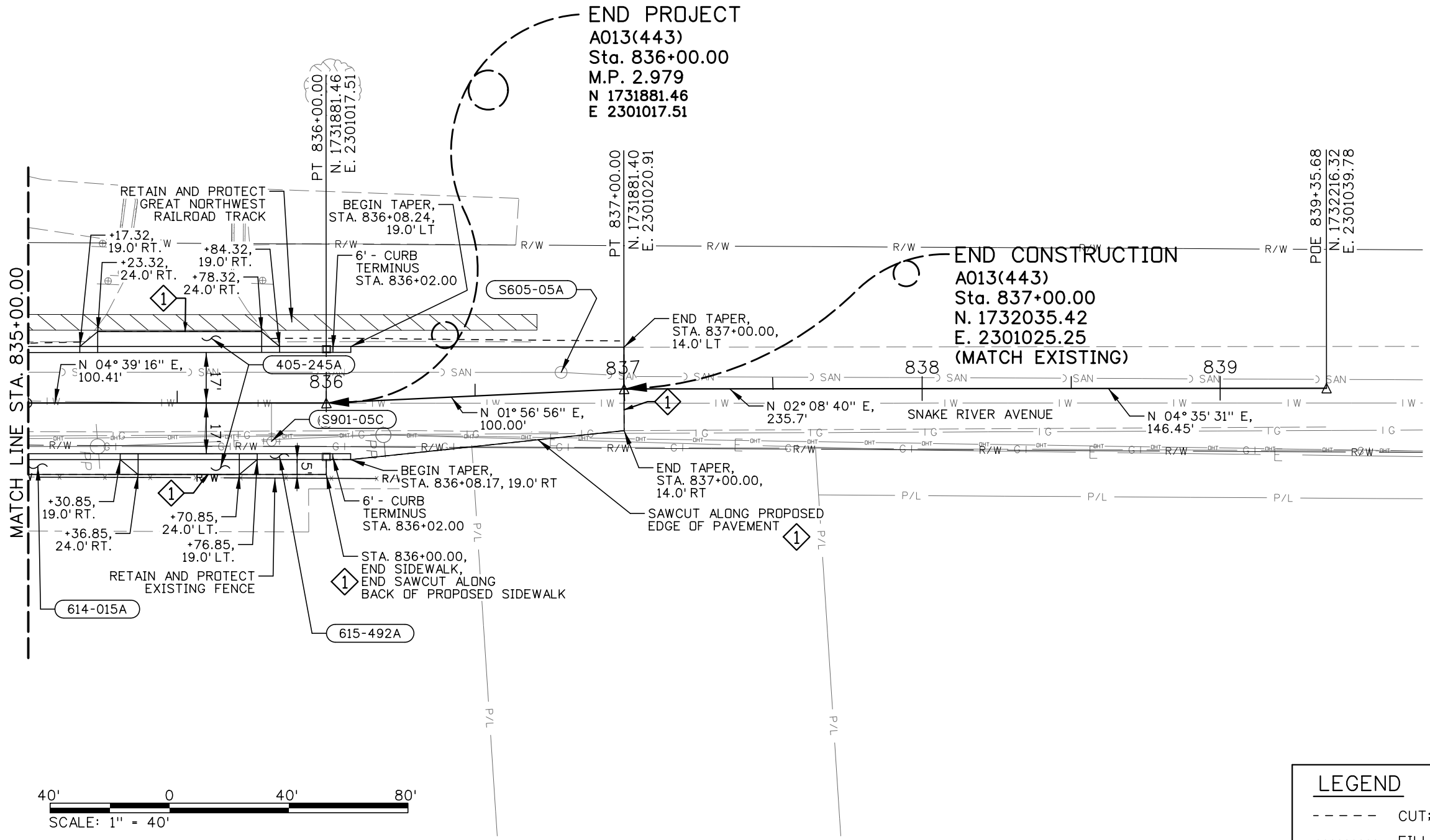
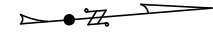
ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

145525 PM

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T.35N., R.6W., B.M.



- 405-245A** APPROACH
 - 1 EA STA. 835+50.00, LT. Width = 55.0'
 - 1 EA STA. 835+54.00, RT. Width = 34.0'
- 614-015A** SIDEWALK
 - 56 SY STA. 835+00.00, RT. TO STA. 836+00.00, RT.
- 615-492A** CURB & GUTTER TY 2
 - 216 LF STA. 835+00.00, RT. & LT. TO STA. 836+08.00, RT. & LT.
- S605-05A** ADJUST MANHOLE
 - 1 EA STA. 836+79.25, 9.1' LT.
- S901-05C** REM & RESET FIRE HYDRANT
 - 1 EA STA. 826+86.32, 20.3' RT.

END PROJECT
A013(443)
Sta. 836+00.00
M.P. 2.979
N 1731881.46
E 2301017.51

END CONSTRUCTION
A013(443)
Sta. 837+00.00
N. 1732035.42
E. 2301025.25
(MATCH EXISTING)

MATCH LINE STA. 835+00.00



- NOTES:**
1. FROM STA. 836+00.00 TO STA. 837+00.00 TRANSITION TO MATCH EXISTING CROWN, CROSS SLOPE, AND ELEVATION.
- 1** SAWCUT EXISTING PAVEMENT MATCH EXISTING ELEVATION AND CROSS SLOPE. COST SHALL BE INCIDENTAL TO ITEM 205-005A EXCAVATION.

LEGEND

-----	CUT; CATCH POINT
.....	FILL; CATCH POINT
-----	BOTTOM OF DITCH

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_plan_008.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO. A013(443)

ROADWAY PLAN SHEET

Snake River Ave
SOUTHWAY BR TO 11TH AVE
 STA. 835+00.00 TO STA. 839+35.67

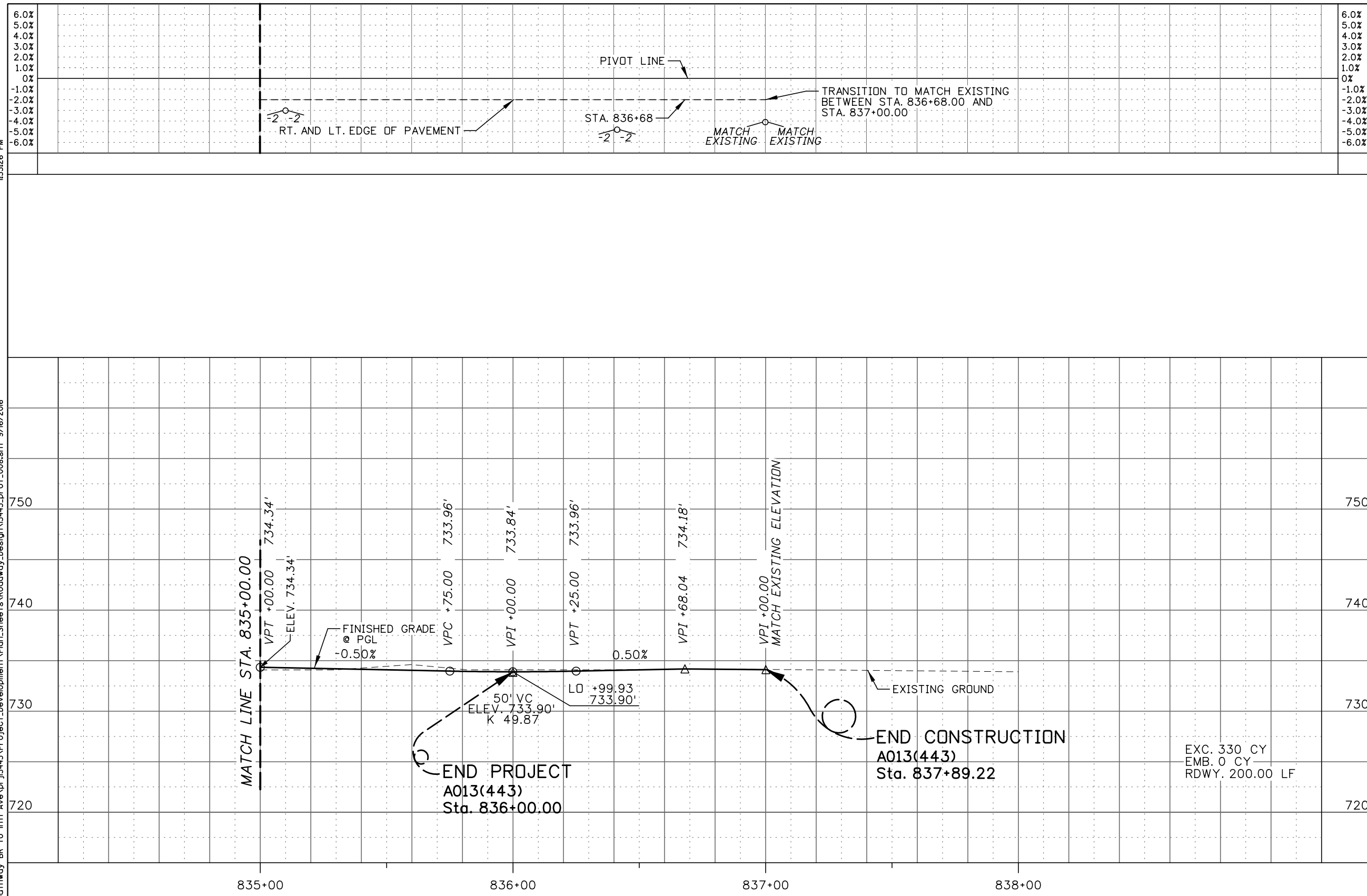
English

COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 29 OF 99

NOT APPROVED FOR PRELIMINARY CONSTRUCTION

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED H. CARTER	CADD FILE NAME 13443_prof_008.sht
DETAILED C. DAVIDSON	DRAWING DATE: 9/16/2016
DRAWING CHECKED H. CARTER	

**IDAHO
TRANSPORTATION
DEPARTMENT**



**HORROCKS
ENGINEERS**

PROJECT NO. A013(443)

ROADWAY PROFILE SHEET SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE STA. 835+00.00 TO STA. 838+00.00

English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 30 OF 99

ORIGINAL STORED
AT: ITD, District 2
2600 North &
South Highway,
Lewiston, ID

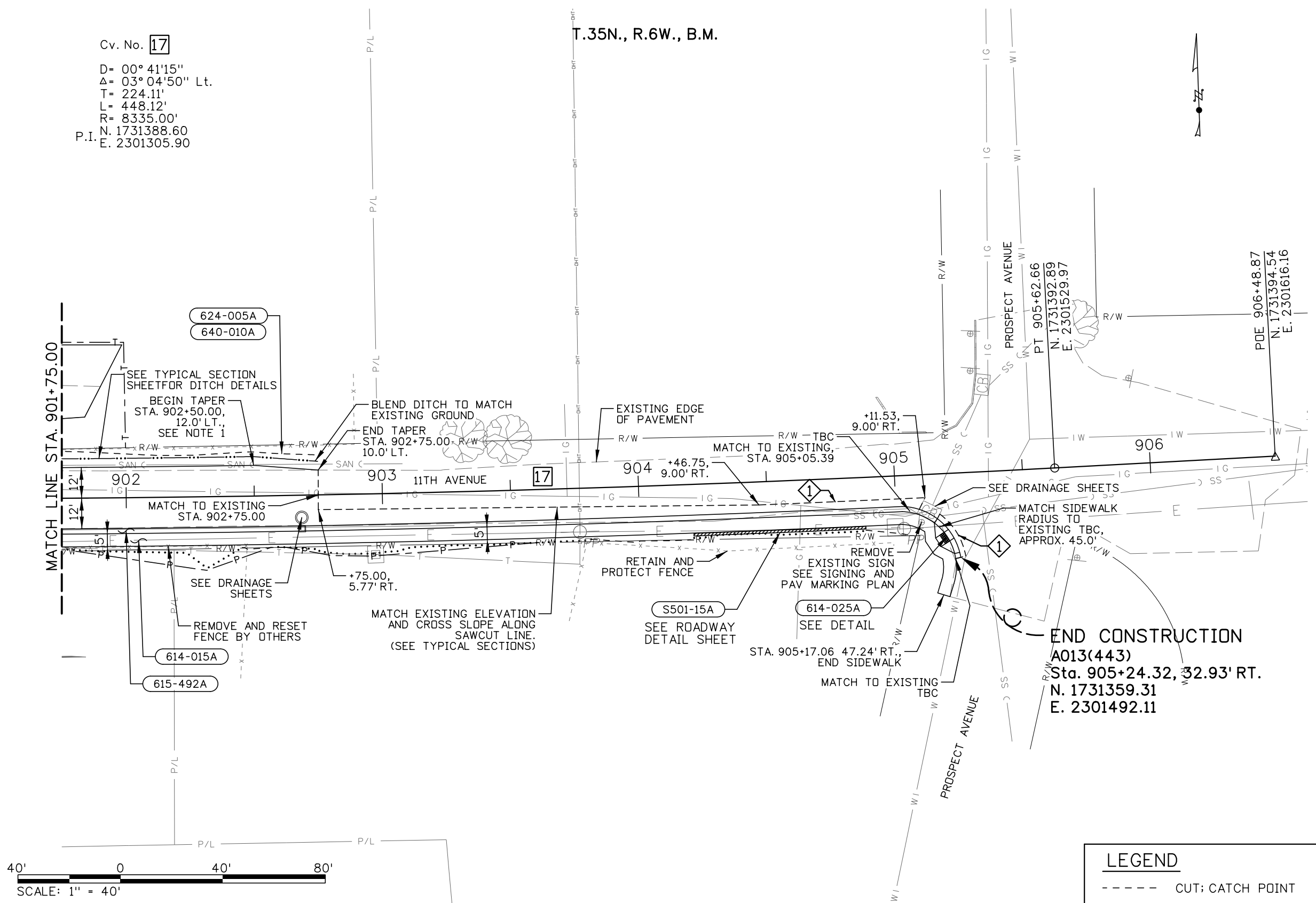
NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

I45527.PM

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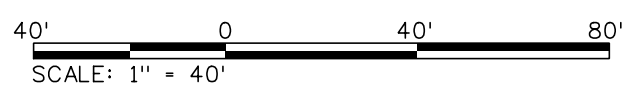
Cv. No. **17**
 D= 00° 41'15"
 Δ= 03° 04'50" Lt.
 T= 224.11'
 L= 448.12'
 R= 8335.00'
 N. 1731388.60
 E. 2301305.90

T.35N., R.6W., B.M.



- 614-015A** SIDEWALK
210 SY STA. 901+75.00, RT. TO STA. 905+17.06, RT.
- 614-025A** CURB RAMP
6 SY STA. 905+19.41, 24.5' RT.
- 615-492A** CURB & GUTTER TY 2
360 LF STA. 901+75.00, RT. TO STA. 905+22.36, RT.
- 624-005A** LOOSE RIPRAP
17 CY STA. 901+75.00, LT. TO STA. 902+75.00, RT.
- 640-010A** RIPRAP/EROSION CONT GEOTEXTILE
67 SY STA. 901+75, 15.1' LT. TO STA. 902+75, 13.1' LT.
- S501-15A** RETAINING WALL
268 SF STA. 904+21.00, 19.0 RT. TO STA. 904+88.00, 19.0 RT. 4.0' MAX HEIGHT

- NOTES:**
1. FROM STA. 902+50.00 TO STA. 902+75.00 TRANSITION TO MATCH EXISTING CROWN, CROSS SLOPE, AND ELEVATION.
 - ① SAWCUT EXISTING PAVEMENT MATCH EXISTING ELEVATION AND CROSS SLOPE. COST SHALL BE INCIDENTAL TO ITEM 205-005A EXCAVATION.



LEGEND	
-----	CUT; CATCH POINT
.....	FILL; CATCH POINT
-----	BOTTOM OF DITCH

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_plan_009.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO. A013(443)

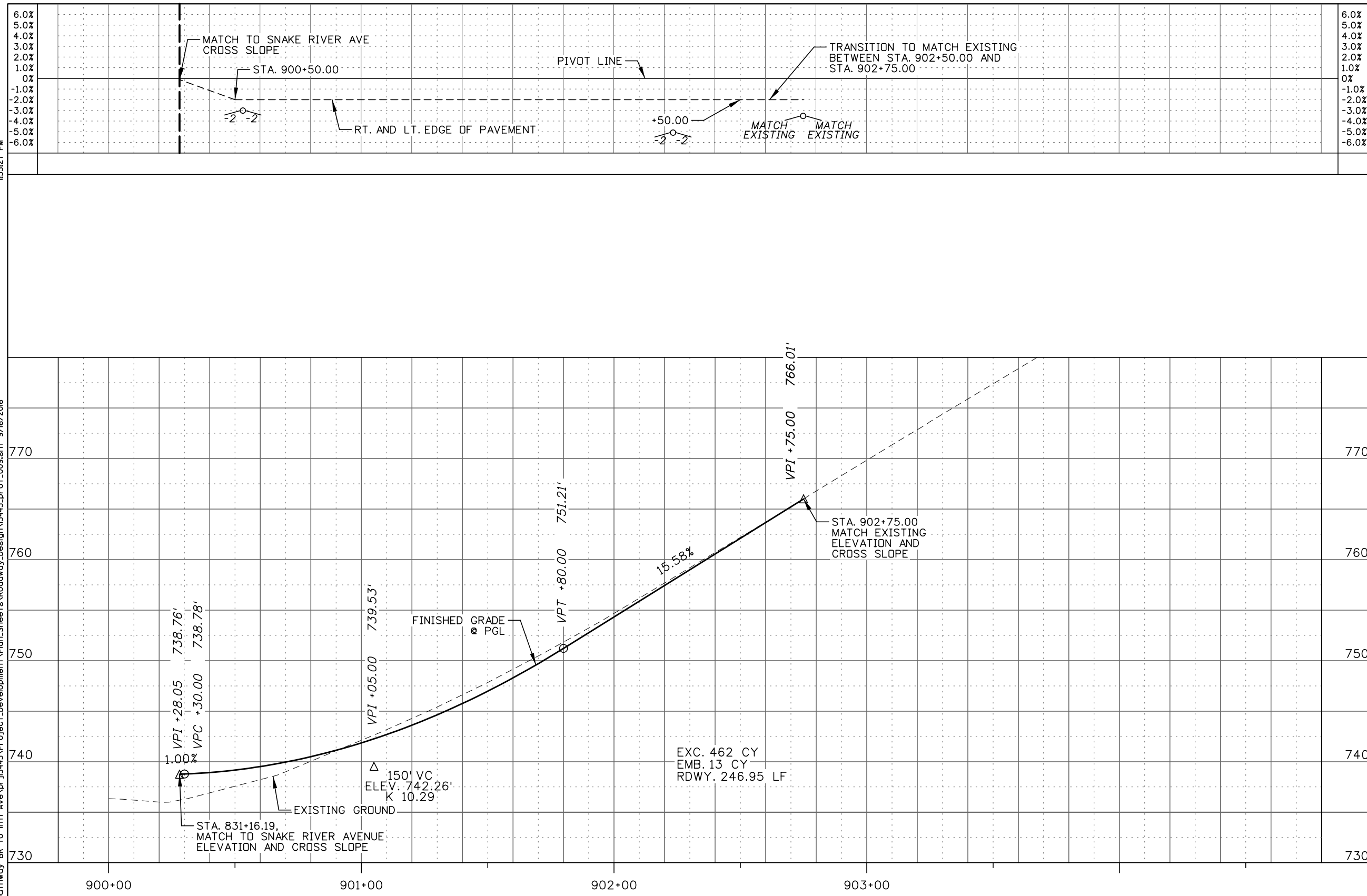
ROADWAY PLAN SHEET
Snake River Ave
 SOUTHWAY BR TO 11TH AVE
 STA. 901+50.00 TO STA. 906+00.00

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 31 OF 99

NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

H55:27 PM

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6.0%
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-4.0%
-5.0%
-6.0%

770

760

750

740

730

900+00

901+00

902+00

903+00

NOTES:

1. EXC. & EMB. ON THIS SHEET INCLUDES WORK ENDING AT END OF CONSTRUCTION

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_prof_009.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO. A013(443)

ROADWAY PROFILE SHEET
 SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE
 STA. 900+00.00 TO STA.902+75.00

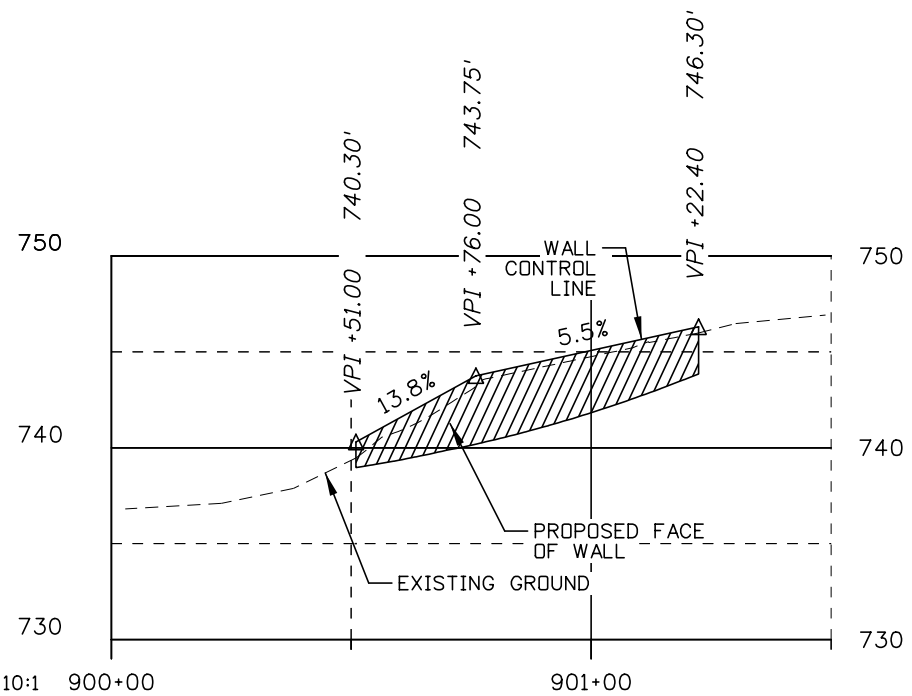
English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 32 OF 99

NOT APPROVED FOR PRELIMINARY CONSTRUCTION

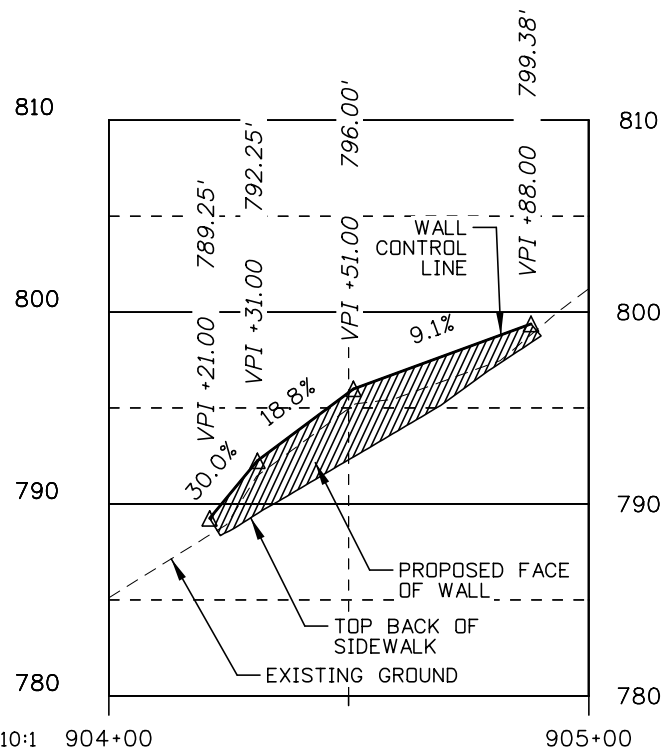
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9/16/2016

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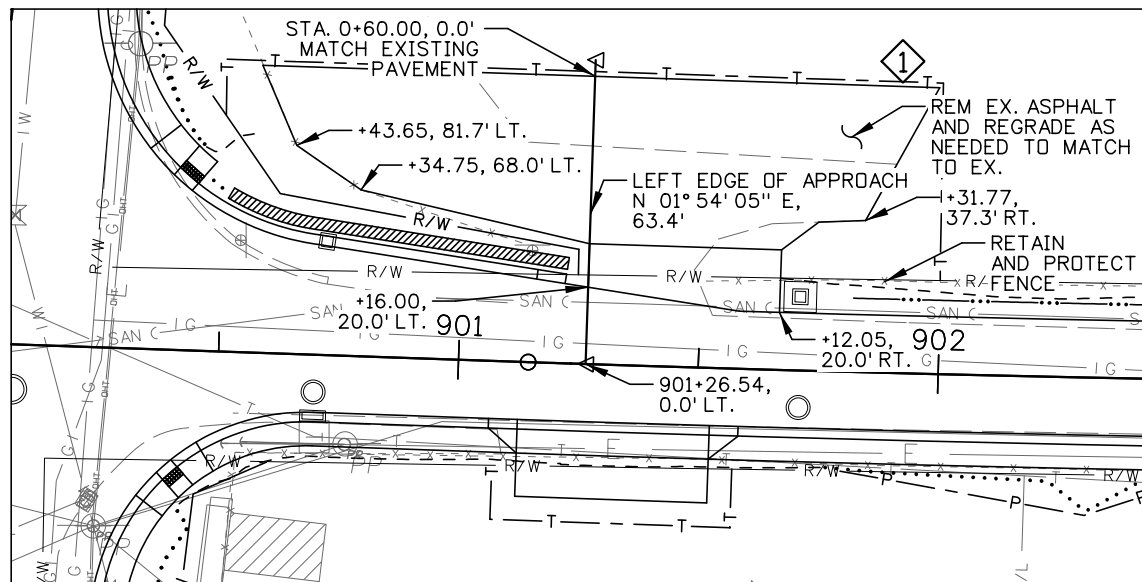


**11TH AVE, STA 900+51.00 TO STA 901+22.00
RETAINING WALL DETAILS**



**11TH AVE, STA 904+21.00 TO STA 904+88.00
RETAINING WALL DETAILS**

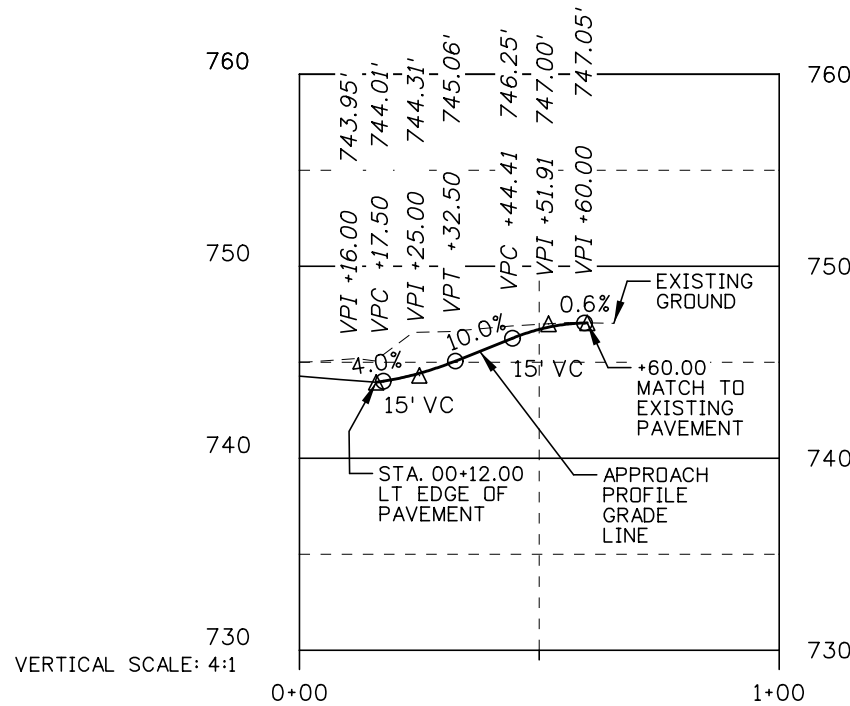
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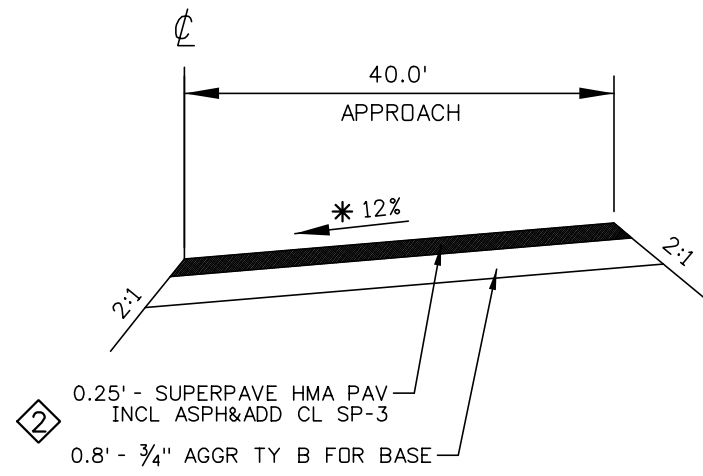
**11TH AVE APPROACH
STA. 901+26.54, LT. PLAN**

NOTES:

- ① SAWCUT EXISTING PAVEMENT MATCH EXISTING ELEVATION AND CROSS SLOPE. COST SHALL BE INCIDENTAL TO ITEM 205-005A EXCAVATION.
- ② SUPERPAVE HMA PAVEMENT AND AGGR TYPE B COST IS INCIDENTAL TO ITEM 405-245A APPROACH



**11TH AVE APPROACH
STA. 901+26.54, LT. PROFILE**



**11TH AVE APPROACH
STA. 901+26.54, LT. CROSS SECTION**

* APPROXIMATE SLOPE OF PROPOSED 11TH AVE ALONG APPROACH. GRADE TO MATCH EDGE OF PAVEMENT.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. DAVIDSON
DESIGN CHECKED	H. CARTER
DETAILED	C. DAVIDSON
DRAWING CHECKED	H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 13443_detl_001.sht
DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO.	A013(443)
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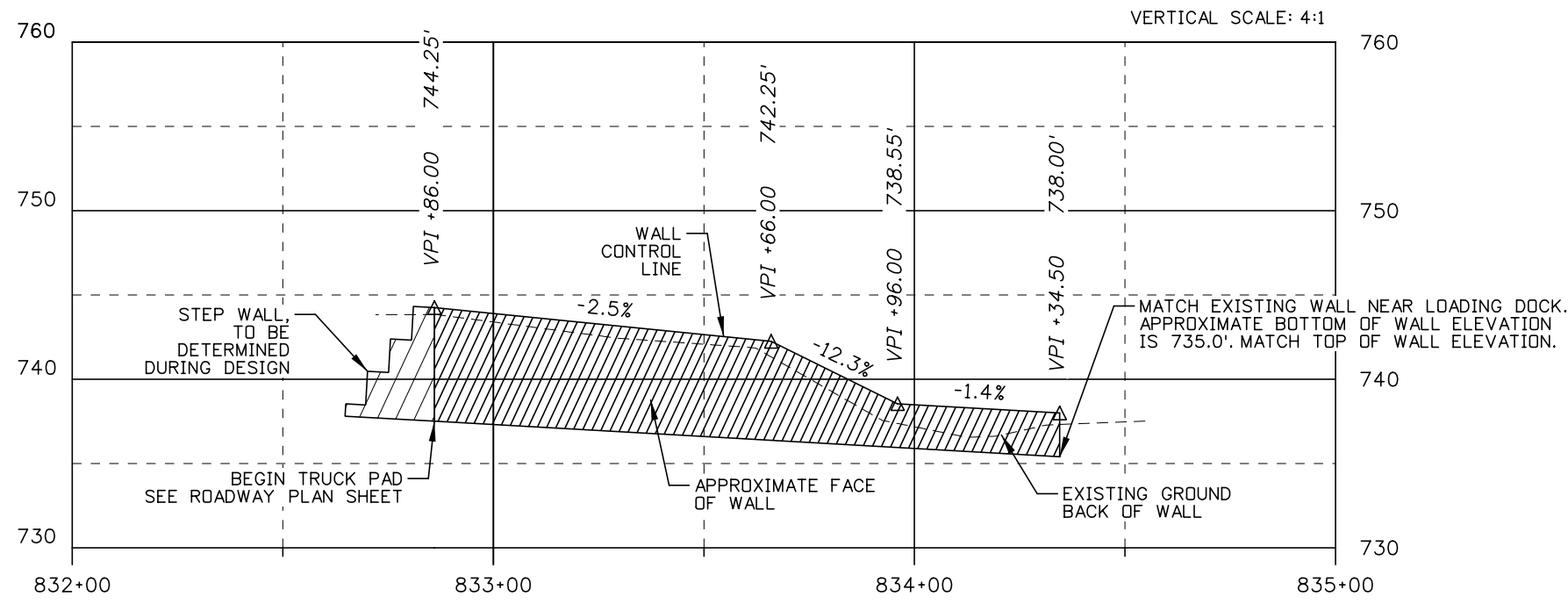
ROADWAY DETAIL SHEET	English
	COUNTY NEZ PERCE
	KEY NUMBER 13443
	SHEET 33 OF 99

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

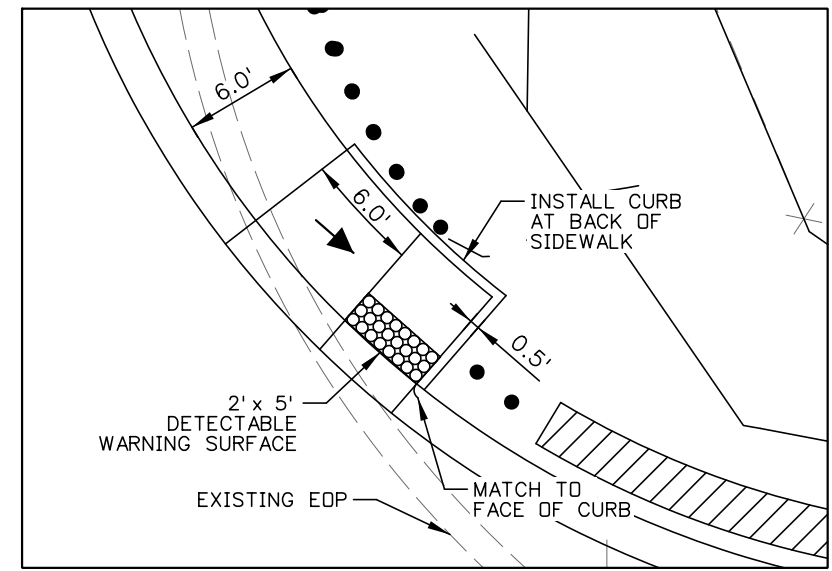
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PRELIMINARY
FOR CONSTRUCTION

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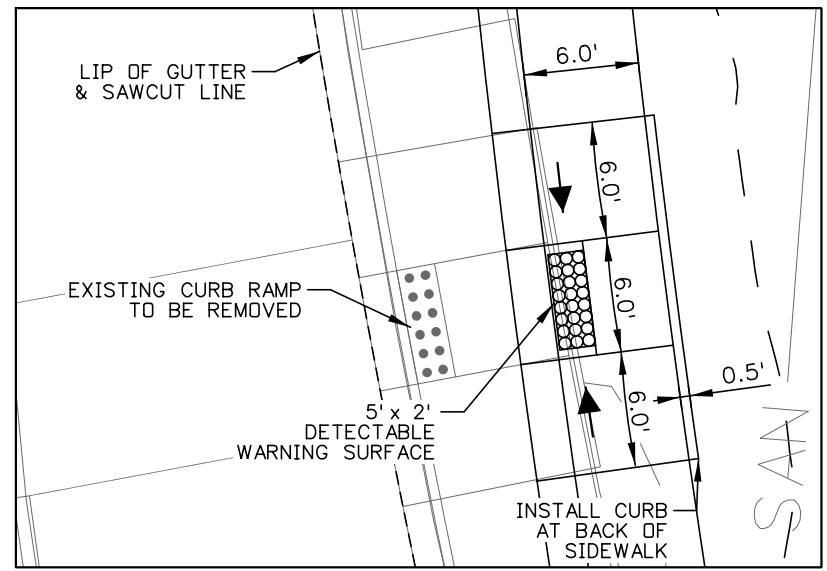


Snake River Avenue, Sta 832+86.00 to Sta 834+34.50
RETAINING WALL DETAILS



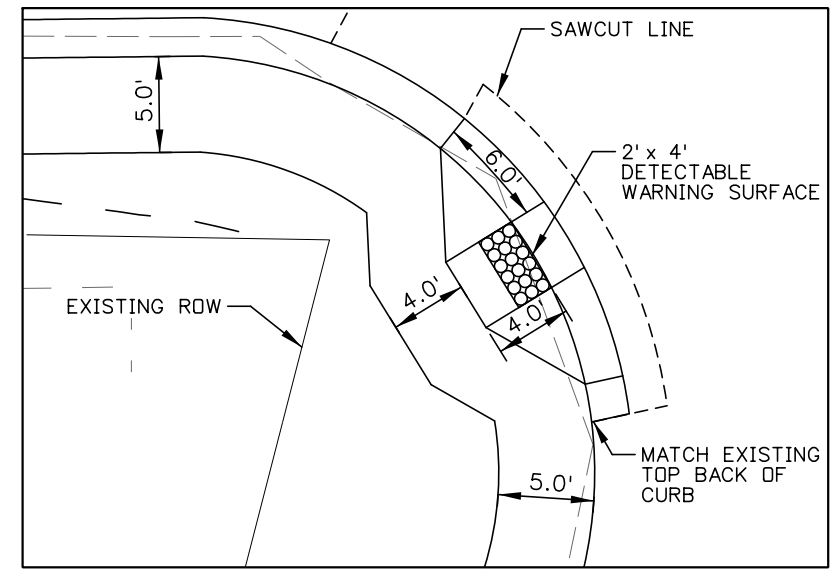
Snake River Ave & 11th Ave Curb Ramp
Sta. 900+42.65, 36.4' LT. DETAIL

SCALE: 10:1



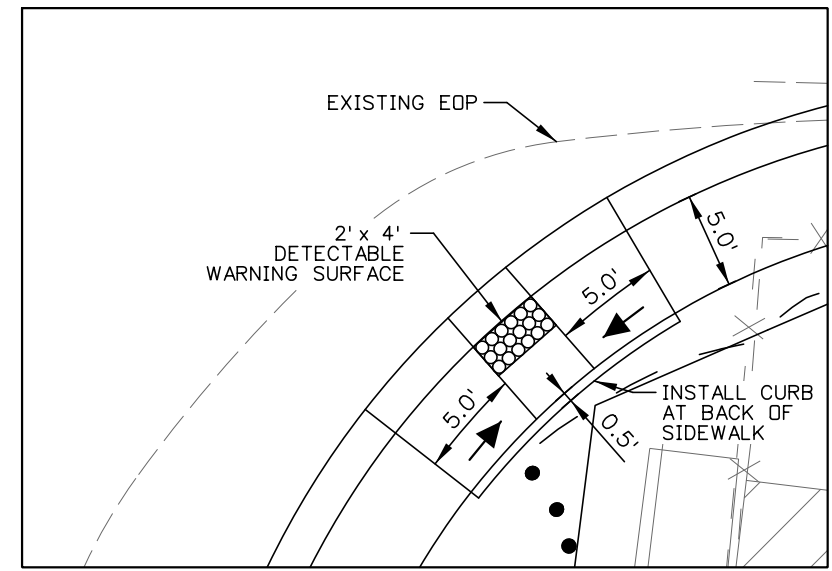
Snake River Ave Curb Ramp
Sta. 401+05.00, 15.0' RT. DETAIL

SCALE: 10:1



11th Ave Curb Ramp
Sta. 905+19.41, 24.5' RT. DETAIL

SCALE: 10:1



Snake River Ave & 11th Ave Curb Ramp
900+40.64, 25.7' Rt. DETAIL

SCALE: 10:1

NOTES:

- SEE STD DWG 614-3 FOR ADDITIONAL CURB RAMP DETAILS. ADHERE TO SLOPE REQUIREMENTS.

ORIGINAL STORED AT: ITD, District 2
2600 North & South Highway,
Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
DESIGN CHECKED H. CARTER
DETAILED C. DAVIDSON
DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 13443_detl_002.sht
DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO. A013(443)

ROADWAY DETAIL SHEET
Snake River Ave Southway BR to 11th Ave

English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 34 OF 99

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

T.35N., R.6W., B.M.

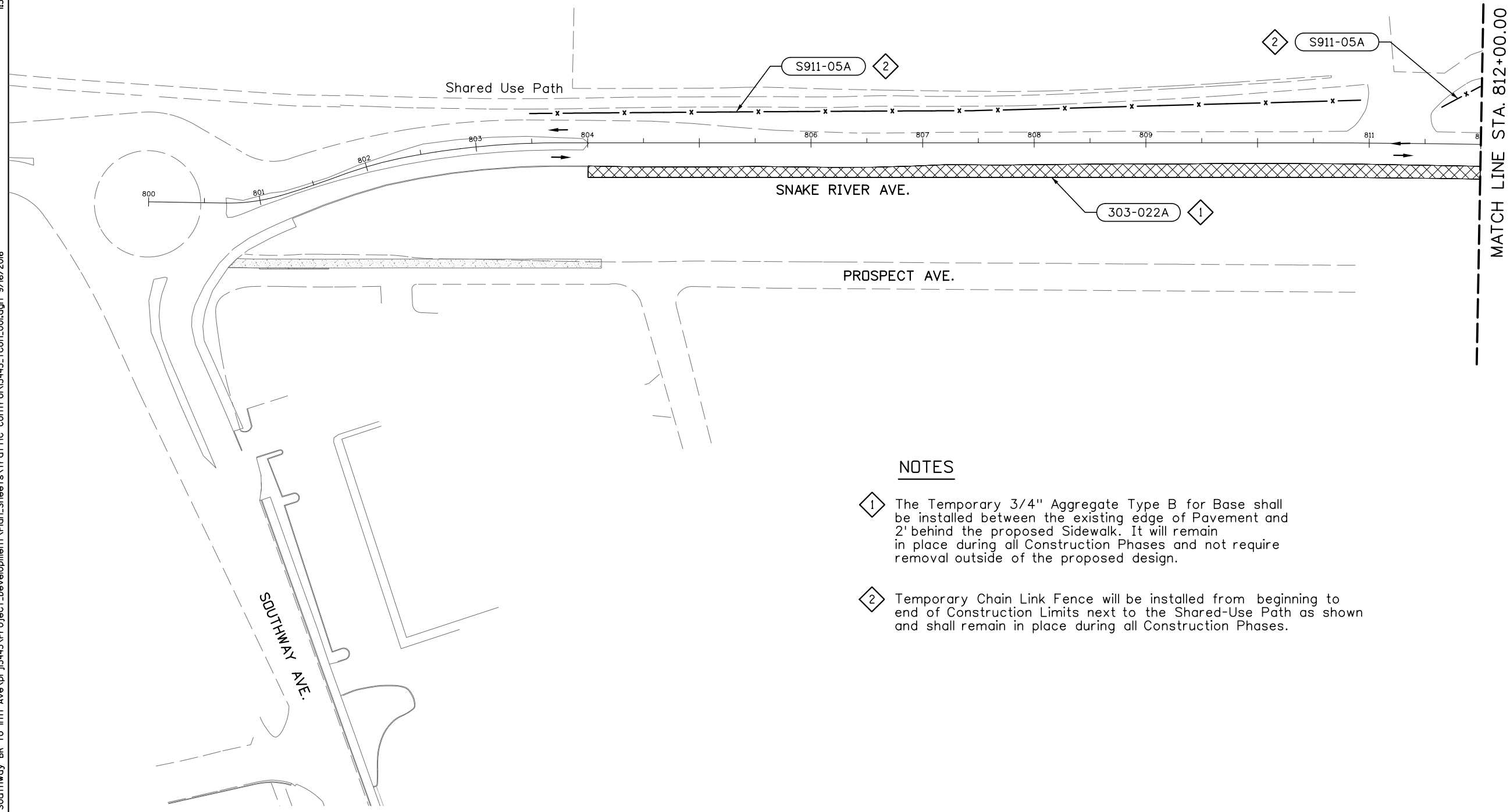


- 303-022A 3/4" Aggr Ty B For Base (Untreated)
 305 Ton Sta. 804+00.00 Rt to Sta. 812+00.00, Rt.

- S911-05A Temporary Chain Link Fence
 743 Ft. Sta. 803+49.00 Lt to Sta. 810+92.00, Lt.
 39 Ft. Sta. 811+64.00 Lt to Sta. 812+00.00, Lt.

145529 PM

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NOTES

- 1 The Temporary 3/4" Aggregate Type B for Base shall be installed between the existing edge of Pavement and 2' behind the proposed Sidewalk. It will remain in place during all Construction Phases and not require removal outside of the proposed design.

- 2 Temporary Chain Link Fence will be installed from beginning to end of Construction Limits next to the Shared-Use Path as shown and shall remain in place during all Construction Phases.

LEGEND

XXXX 3/4" Aggr Ty B for Base



ORIGINAL STORED AT: ITD, District 3 8150 Chinden Boulevard, Boise, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_tcon_001.dgn
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO. A013(443)

TEMPORARY CONSTRUCTION PLAN SHEET

**Snake River Ave
 Southway BR to 11th Ave
 PHASE 1**

English

COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 35 OF 99

NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

T.35N., R.6W., B.M.

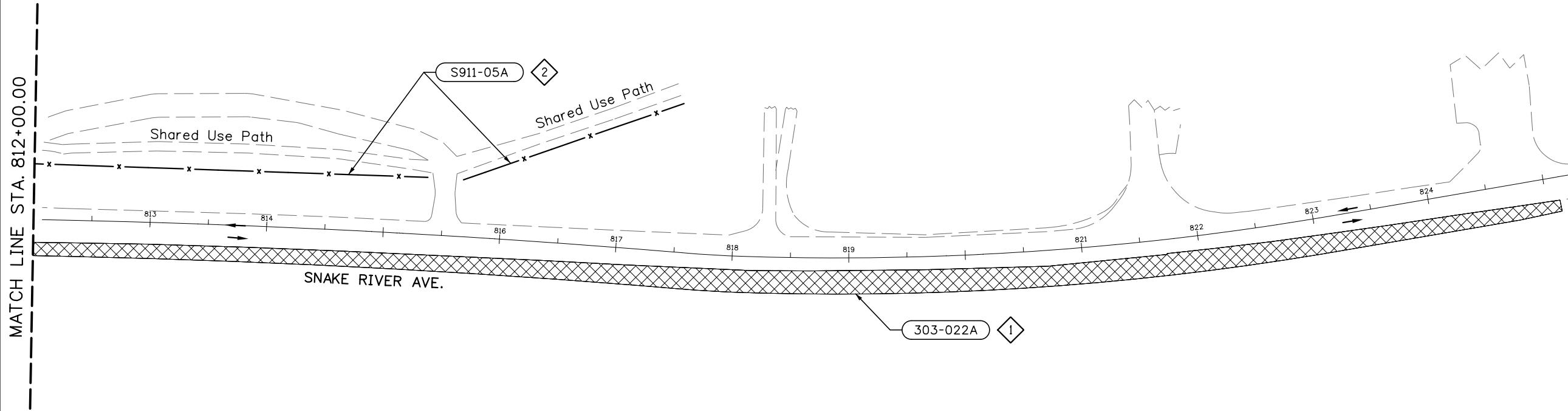


303-022A 3/4" Aggr Ty B For Base (Untreated)
717 Ton Sta. 812+00.00 Rt to Sta. 825+12.00, Rt.

S911-05A Temporary Chain Link Fence
336 Ft. Sta. 812+00.00 Lt to Sta. 815+36.00, Lt.
202 Ft. Sta. 815+64.00 Lt to Sta. 817+47.00, Lt.

11:55:30 PM

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NOTES

- 1 The Temporary 3/4" Aggregate Type B for Base shall be installed between the existing edge of Pavement and 2' behind the proposed Sidewalk. It will remain in place during all Construction Phases and not require removal outside of the proposed design.
- 2 Temporary Chain Link Fence will be installed from beginning to end of Construction Limits next to the Shared-Use Path as shown and shall remain in place during all Construction Phases.

LEGEND

3/4" Aggr Ty B for Base



ORIGINAL STORED AT: ITD, District 3 8150 Chinden Boulevard, Boise, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
DESIGN CHECKED H. CARTER
DETAILED C. DAVIDSON
DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME 13443_tcon_002.dgn

DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO. A013(443)

TEMPORARY CONSTRUCTION PLAN SHEET

Snake River Ave Southway BR to 11th Ave
PHASE 1

English

COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 36 OF 99

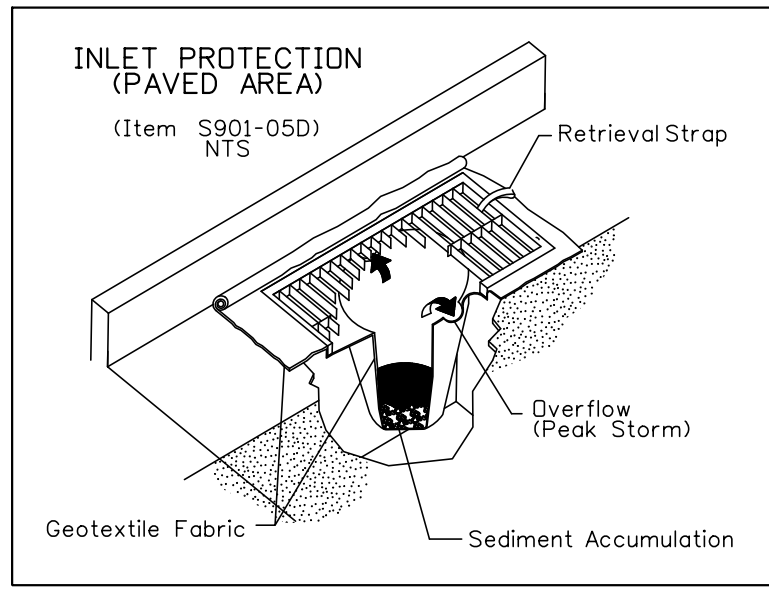
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PRELIMINARY
FOR CONSTRUCTION

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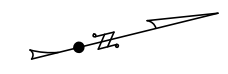
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LEGEND

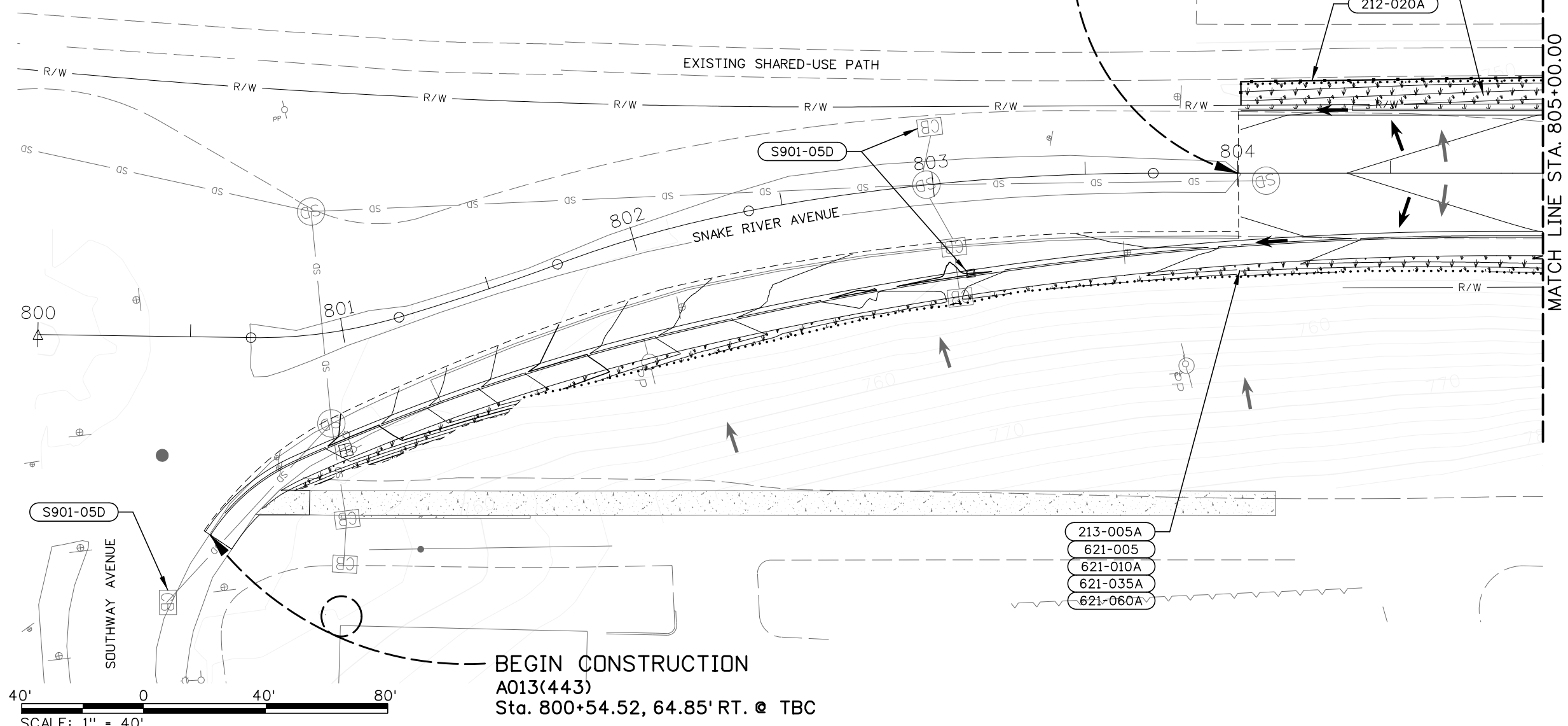
- Erosion Blanket, Topsoil and "Dryland" Seeding/Limits of Ground Disturbance
- Topsoil and "Dryland" Seeding/Limits of Ground Disturbance
- Silt Fence
- Fiber Wattles
- Pre-Construction Direction of Water Flow
- Post-Construction Direction of Water Flow
- Pre-Construction Contours
- Post-Construction Contours
- Existing Edge of Pavement
- New Edge of Pavement and Top Back of Curb



T.35N., R.6W., B.M.



BEGIN PROJECT
A013(443)
Sta. 804+00.00
M.P. 2.373
N 1728744.42
E 2300451.81



- 212-020A** SILT FENCE
107 LF STA. 804+01, 22.3' LT. TO STA. 804+01, 29.9' LT. TO STA. 805+00, 31.4' LT.
- 213-005A** TOPSOIL
26 CY STA. 800+78, 50.2' RT. TO STA. 805+00, 27.0' RT.
17 CY STA. 804+00, 21.0' LT. TO STA. 805+00, 21.0' LT.
- 621-005** SEED BED PREPARATION
- 621-010A** SEEDING
- 621-035A** FERTILIZING
- 621-060A** MULCH PLUS TACIFIER
0.03 AC STA. 800+78, 50.2' RT. TO STA. 805+00, 27.0' RT.
0.02 AC STA. 804+00, 21.0' LT. TO STA. 805+00, 21.0' LT.
- S901-05D** INLET PROTECTION (PAVED AREA)
1 EA STA. 800+43.90, 87.11' RT.
1 EA STA. 803+00.74, 18.70' LT.
1 EA STA. 803+09.71, 30.25' RT.



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
DESIGN CHECKED H. CARTER
DETAILED R. WALN
DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 13443_eros_001.sht
DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO. A013(443)

SWPPP PLAN SHEET
Snake River Ave Southway BR to 11th Ave
STA. 800+00.00 TO STA. 805+00.00

English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 37 OF 99

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

NOT APPROVED
PRELIMINARY FOR CONSTRUCTION

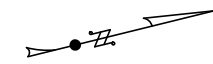
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LEGEND

- Erosion Blanket, Topsoil and "Dryland" Seeding/Limits of Ground Disturbance
- Topsoil and "Dryland" Seeding/Limits of Ground Disturbance
- Silt Fence
- Fiber Wattles
- Pre-Construction Direction of Water Flow
- Post-Construction Direction of Water Flow
- Pre-Construction Contours
- Post-Construction Contours
- Existing Edge of Pavement
- New Edge of Pavement and Top Back of Curb

T.35N., R.6W., B.M.

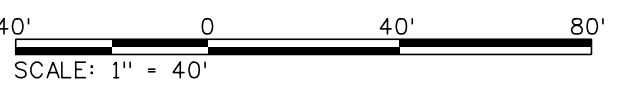
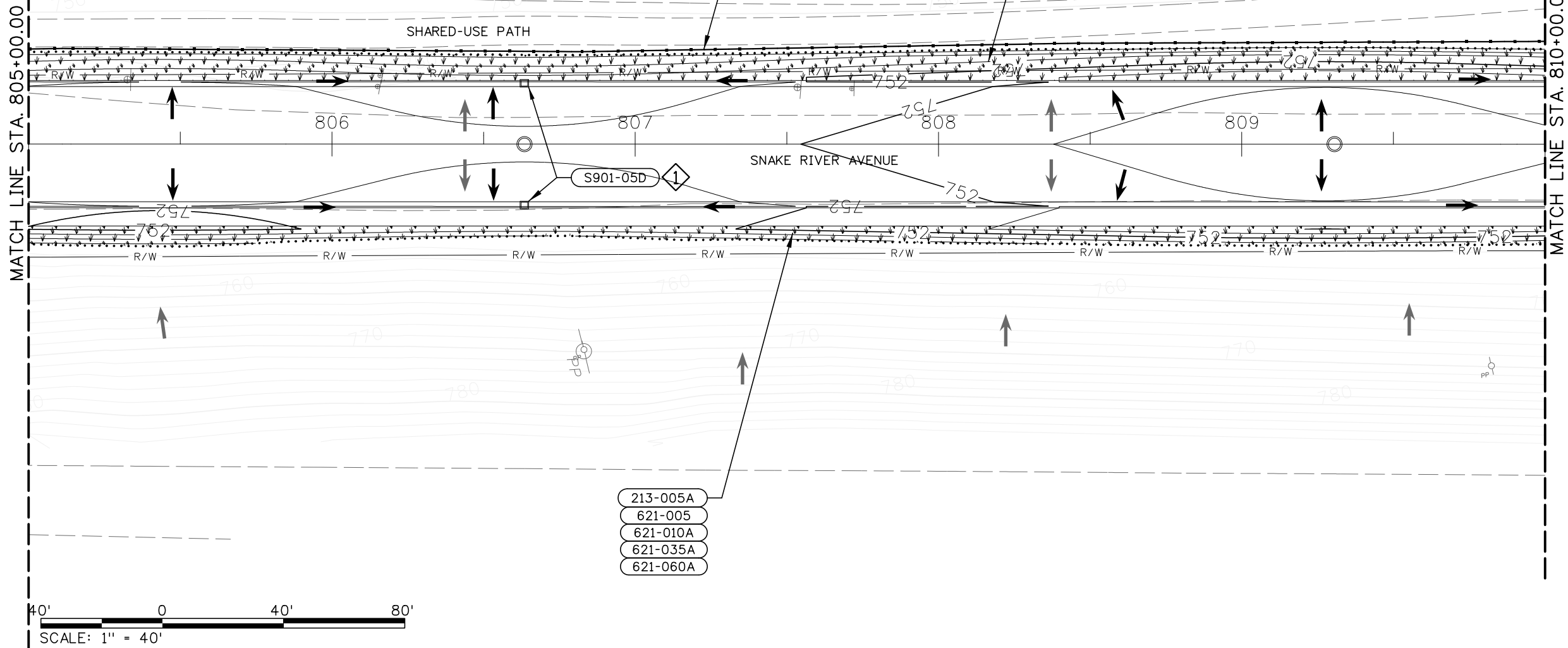


- 212-020A** SILT FENCE
500 LF STA. 805+00, 31.4' LT. TO STA. 810+00, 33.9' LT.
- 213-005A** TOPSDIL
50 CY STA. 805+00, 27.0' RT. TO STA. 810+00, 27.0' RT.
89 CY STA. 805+00, 21.0' LT. TO STA. 810+00, 21.0' LT.
- 621-005** SEED BED PREPARATION
- 621-010A** SEEDING
- 621-035A** FERTILIZING
- 621-060A** MULCH PLUS TACKIFIER
0.06 AC STA. 805+00, 27.0' RT. TO STA. 810+00, 27.0' RT.
0.11 AC STA. 805+00, 21.0' LT. TO STA. 810+00, 21.0' LT.
- S901-05D** INLET PROTECTION (PAVED AREA)
1 EA STA. 806+63.46, 20.08' LT.
1 EA STA. 806+63.45, 20.08' RT.

- 213-005A
- 621-005
- 621-010A
- 621-035A
- 621-060A

- 212-020A

- 213-005A
- 621-005
- 621-010A
- 621-035A
- 621-060A



NOTES:
 SEE SWPPP PLAN SHEET FOR INLET PROTECTION (PAVED AREA) DETAIL.

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

NOT APPROVED FOR PRELIMINARY CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED R. WALN
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_eros_002.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS



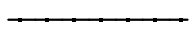
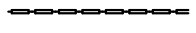



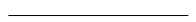


PROJECT NO. A013(443)

SWPPP PLAN SHEET
Snake River Ave Southway BR to 11th Ave
 STA. 805+00.00 TO STA. 810+00.00

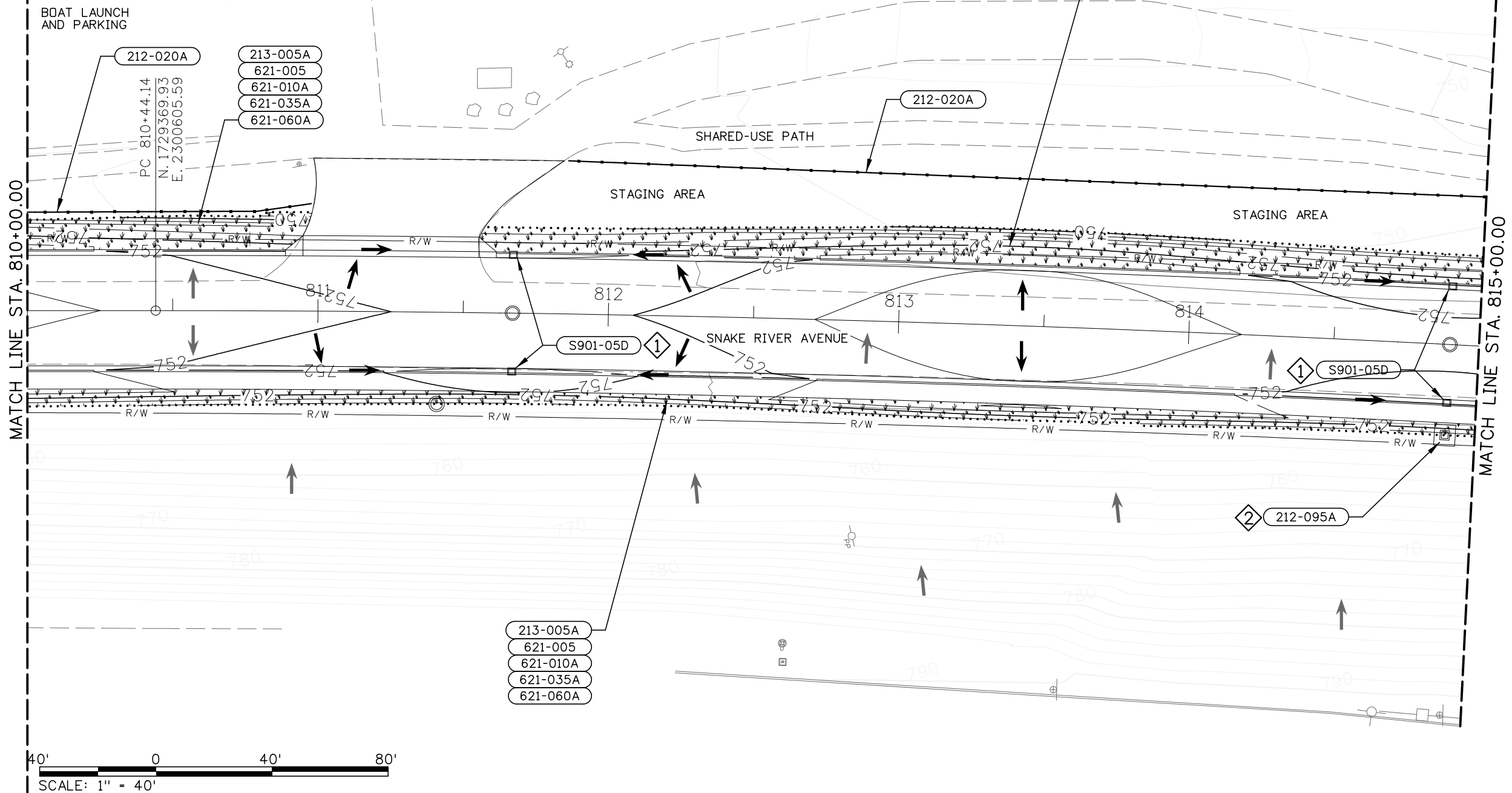
English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 38 OF 99

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

LEGEND

-  Erosion Blanket, Topsoil and "Dryland" Seeding/Limits of Ground Disturbance
-  Topsoil and "Dryland" Seeding/Limits of Ground Disturbance
-  Silt Fence
-  Fiber Wattles
-  Pre-Construction Direction of Water Flow
-  Post-Construction Direction of Water Flow
-  Pre-Construction Contours
-  Post-Construction Contours
-  Existing Edge of Pavement
-  New Edge of Pavement and Top Back of Curb

T.35N., R.6W., B.M.



- 212-020A** SILT FENCE
 - 98 LF STA. 810+00, 33.9' LT. TO STA. 810+79, 34.3' LT. TO STA. 810+98, 37.0' LT.
 - 316 LF STA. 811+85, 52.7' LT. TO STA. 815+00, 51.4' LT.
- 212-095A** INLET PROTECTION (UNPAVED AREA)
 - 1 EA STA. 814+89.79, 32.19' RT.
- 213-005A** TOPSOIL
 - 20 CY STA. 810+00, 21.0' LT. TO STA. 810+89, 21.0' LT.
 - 46 CY STA. 810+00, 27.0' RT. TO STA. 815+00, 27.0' RT.
 - 68 CY STA. 811+61, 21.0' LT. TO STA. 815+00, 21.0' LT.
- 621-005** SEED BED PREPARATION
- 621-010A** SEEDING
- 621-035A** FERTILIZING
- 621-060A** MULCH PLUS TACIFIER
 - 0.02 AC STA. 810+00, 21.0' LT. TO STA. 810+89, 21.0' LT.
 - 0.06 AC STA. 810+00, 27.0' RT. TO STA. 815+00, 27.0' RT.
 - 0.08 AC STA. 811+61, 21.0' LT. TO STA. 815+00, 21.0' LT.
- S901-05D** SP INLET PROTECTION (PAVED AREA)
 - 1 EA STA. 811+67.01, 20.08' LT.
 - 1 EA STA. 811+67.02, 20.10' RT.
 - 1 EA STA. 814+89.93, 20.08' LT.
 - 1 EA STA. 814+89.94, 20.09' RT.

- NOTES:**
-  SEE SWPPP PLAN SHEET FOR INLET PROTECTION (PAVED AREA) DETAIL.
 -  SEE DRAINAGE DETAIL SHEET FOR INLET PROTECTION (UNPAVED AREA) DETAIL.

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

NOT APPROVED FOR PRELIMINARY CONSTRUCTION



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED R. WALN
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_eros_003.sht
 DRAWING DATE: 9/16/2016






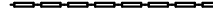






PROJECT NO. A013(443)

SWPPP PLAN SHEET
 SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE
 STA. 810+00.00 TO STA. 815+00.00

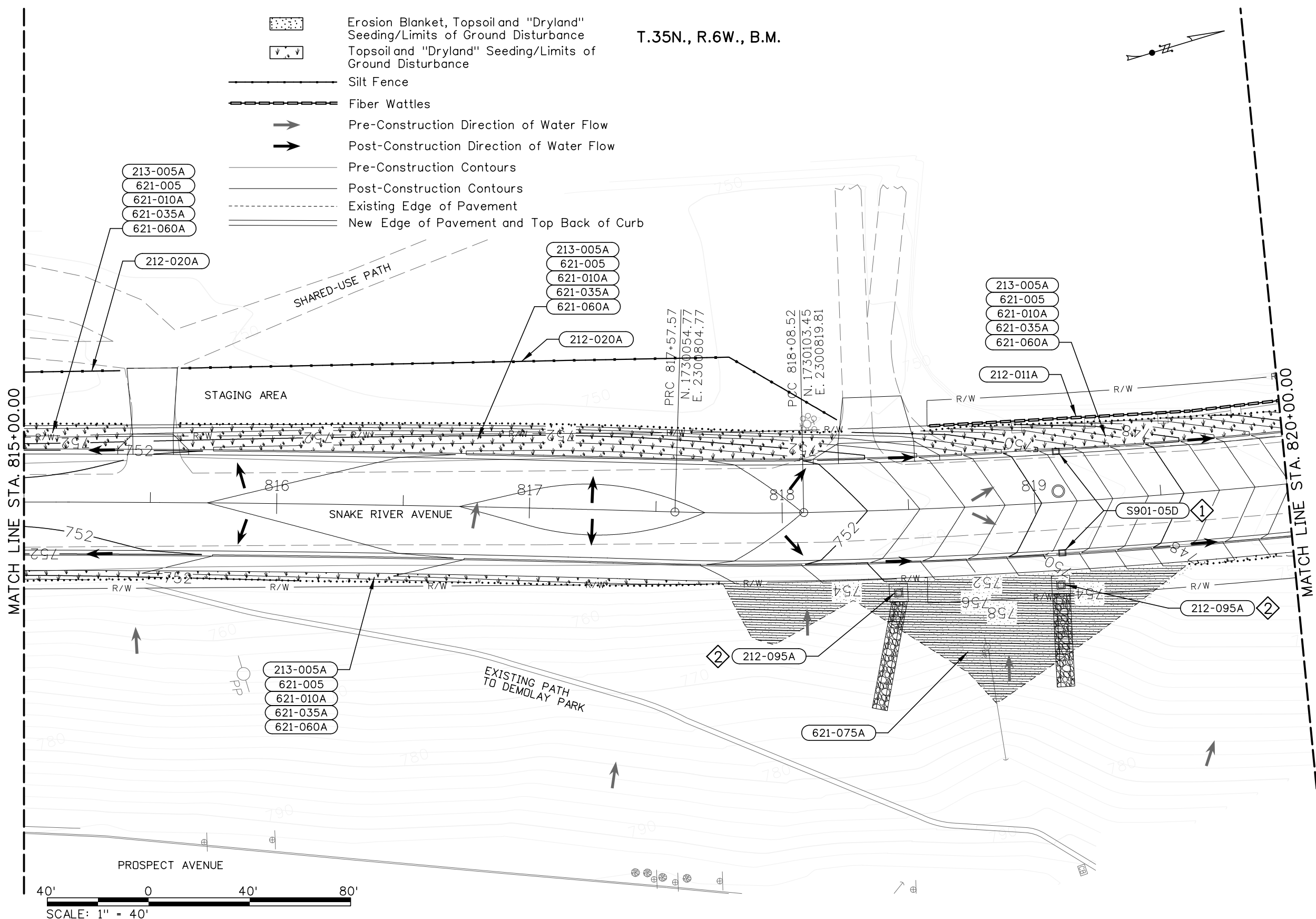
English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 39 OF 99

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LEGEND

-  Erosion Blanket, Topsoil and "Dryland" Seeding/Limits of Ground Disturbance
-  Topsoil and "Dryland" Seeding/Limits of Ground Disturbance
-  Silt Fence
-  Fiber Wattles
-  Pre-Construction Direction of Water Flow
-  Post-Construction Direction of Water Flow
-  Pre-Construction Contours
-  Post-Construction Contours
-  Existing Edge of Pavement
-  New Edge of Pavement and Top Back of Curb

T.35N., R.6W., B.M.



212-011A	FIBER WATTLE	140 LF	STA. 818+59, 32.7' LT. TO STA. 820+00, 33.2' LT.
212-095A	INLET PROTECTION (UNPAVED AREA)	1 EA	STA. 818+44.93, 32.81' RT.
		1 EA	STA. 819+08.34, 32.74' RT.
212-020A	SILT FENCE	38 LF	STA. 815+00, 51.4' LT. TO STA. 815+38, 52.0' LT.
		266 LF	STA. 815+62, 53.2' LT. TO STA. 817+78, 61.6' LT. TO STA. 818+22, 36.4' LT.
213-005A	TOPSOIL	8 CY	STA. 815+00, 21.0' LT. TO STA. 815+41, 21.0' LT.
		100 CY	STA. 815+00, 27.0' RT. TO STA. 820+00, 27.0' RT.
		55 CY	STA. 815+61, 21.0' LT. TO STA. 818+12, 21.0' LT.
		26 CY	STA. 818+63, 21.0' LT. TO STA. 820+00, 21.0' LT.
621-005	SEED BED PREPARATION		
621-010A	SEEDING		
621-035A	FERTILIZING		
621-060A	MULCH PLUS TACIFIER	0.01 AC	STA. 815+00, 21.0' LT. TO STA. 815+41, 21.0' LT.
		0.12 AC	STA. 815+00, 27.0' RT. TO STA. 820+00, 27.0' RT.
		0.07 AC	STA. 815+61, 21.0' LT. TO STA. 818+12, 21.0' LT.
		0.03 AC	STA. 818+63, 21.0' LT. TO STA. 820+00, 21.0' LT.
621-075A	ROLLED EROSION CONTROL PROD (RECP)	495 SY	STA. 817+76, 27.0' RT. TO STA. 819+60, 27.0' RT.
S901-05D	INLET PROTECTION (PAVED AREA)	1 EA	STA. 819+09.57, 20.08' LT.
		1 EA	STA. 819+09.69, 20.08' RT.

- NOTES:**
- ① SEE SWPPP PLAN SHEET FOR INLET PROTECTION (PAVED AREA) DETAIL.
 - ② SEE DRAINAGE DETAIL SHEET FOR INLET PROTECTION (UNPAVED AREA) DETAIL.

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

NOT APPROVED FOR PRELIMINARY CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED H. CARTER	
DETAILED R. WALN	
DRAWING CHECKED H. CARTER	
CADD FILE NAME 13443_eros_004.sht	DRAWING DATE: 9/16/2016
DRAWING DATE: 9/16/2016	

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

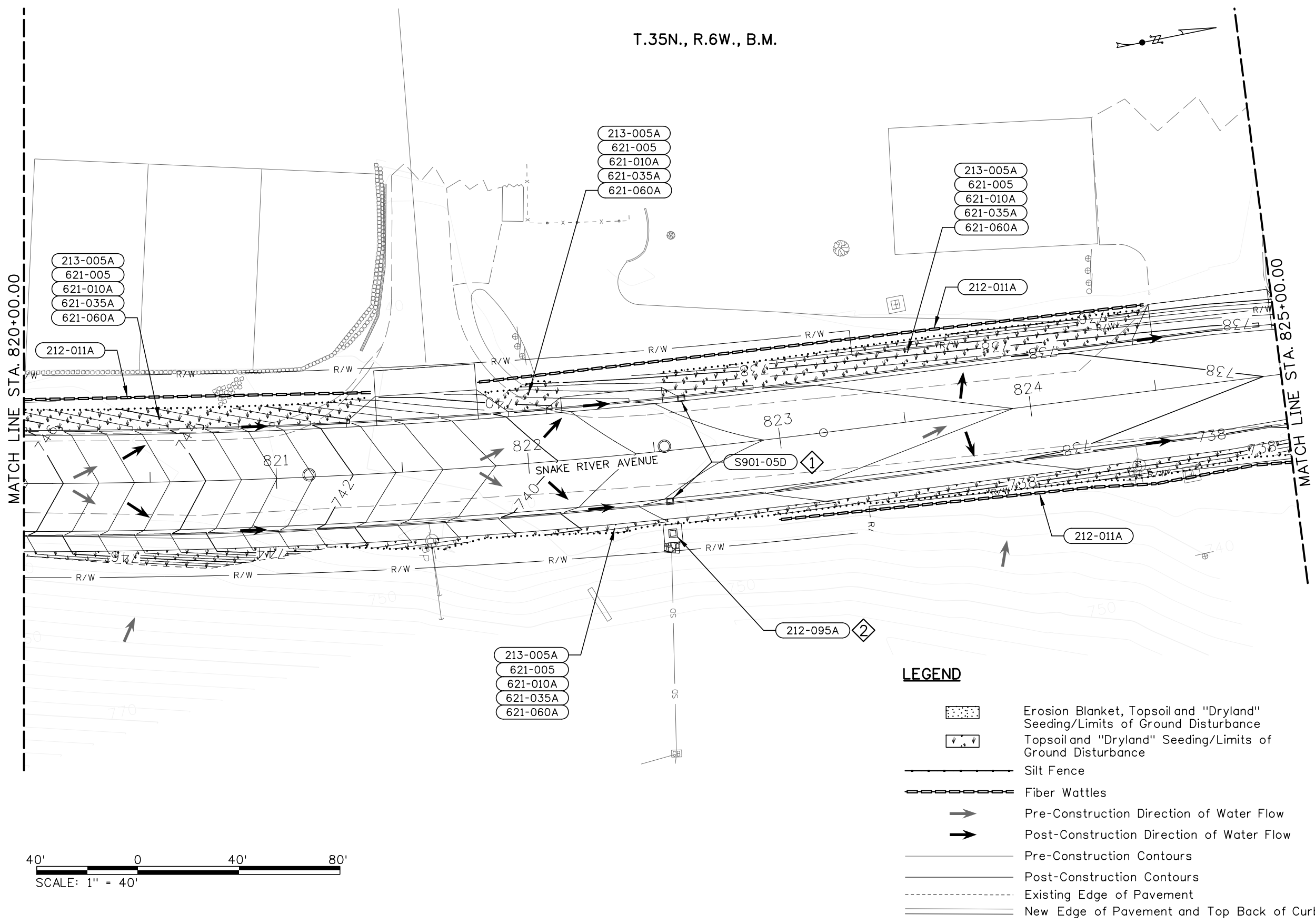
PROJECT NO. A013(443)

SWPPP PLAN SHEET SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE STA. 815+00.00 TO STA.820+00.00

English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 40 OF 99

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T.35N., R.6W., B.M.



212-011A	FIBER WATTLE
137 LF	STA. 820+00, 33.2' LT. TO STA. 821+39, 32.2' LT.
265 LF	STA. 821+82, 33.5' LT. TO STA. 824+49, 34.2' LT.
204 LF	STA. 822+93, 32.0' RT. TO STA. 825+00, 34.5' RT.
212-095A	INLET PROTECTION (UNPAVED AREA)
1 EA	STA. 822+54.08, 32.77' RT.
213-005A	TOPSOIL
20 CY	STA. 820+00, 21.0' LT. TO STA. 821+29, 21.0' LT.
36 CY	STA. 820+00, 27.0' RT. TO STA. 825+00, 26.0' RT.
5 CY	STA. 821+94, 21.0' LT. TO STA. 822+15, 21.0' LT.
39 CY	STA. 822+55, 21.0' LT. TO STA. 824+43, 21.0' LT.
621-005	SEED BED PREPARATION
621-010A	SEEDING
621-035A	FERTILIZING
621-060A	MULCH PLUS TACIFIER
0.03 AC	STA. 820+00, 21.0' LT. TO STA. 821+29, 21.0' LT.
0.05 AC	STA. 820+00, 27.0' RT. TO STA. 825+00, 26.0' RT.
0.01 AC	STA. 821+94, 21.0' LT. TO STA. 822+15, 21.0' LT.
0.05 AC	STA. 822+55, 21.0' LT. TO STA. 824+43, 21.0' LT.
S901-05D	SP INLET PROTECTION (PAVED AREA)
1 EA	STA. 822+54.19, 20.08' RT.
1 EA	STA. 822+62.81, 20.08' LT.

LEGEND

- Erosion Blanket, Topsoil and "Dryland" Seeding/Limits of Ground Disturbance
- Topsoil and "Dryland" Seeding/Limits of Ground Disturbance
- Silt Fence
- Fiber Wattles
- Pre-Construction Direction of Water Flow
- Post-Construction Direction of Water Flow
- Pre-Construction Contours
- Post-Construction Contours
- Existing Edge of Pavement
- New Edge of Pavement and Top Back of Curb

NOTES:

- SEE SWPPP PLAN SHEET FOR INLET PROTECTION (PAVED AREA) DETAIL.
- SEE DRAINAGE DETAIL SHEET FOR INLET PROTECTION (UNPAVED AREA) DETAIL.

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

NOT APPROVED FOR PRELIMINARY CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED H. CARTER	CADD FILE NAME 13443_eros_005.sht
DETAILED R. WALN	DRAWING DATE: 9/16/2016
DRAWING CHECKED H. CARTER	

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO. A013(443)

SWPPP PLAN SHEET SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE STA. 820+00.00 TO STA. 825+00.00
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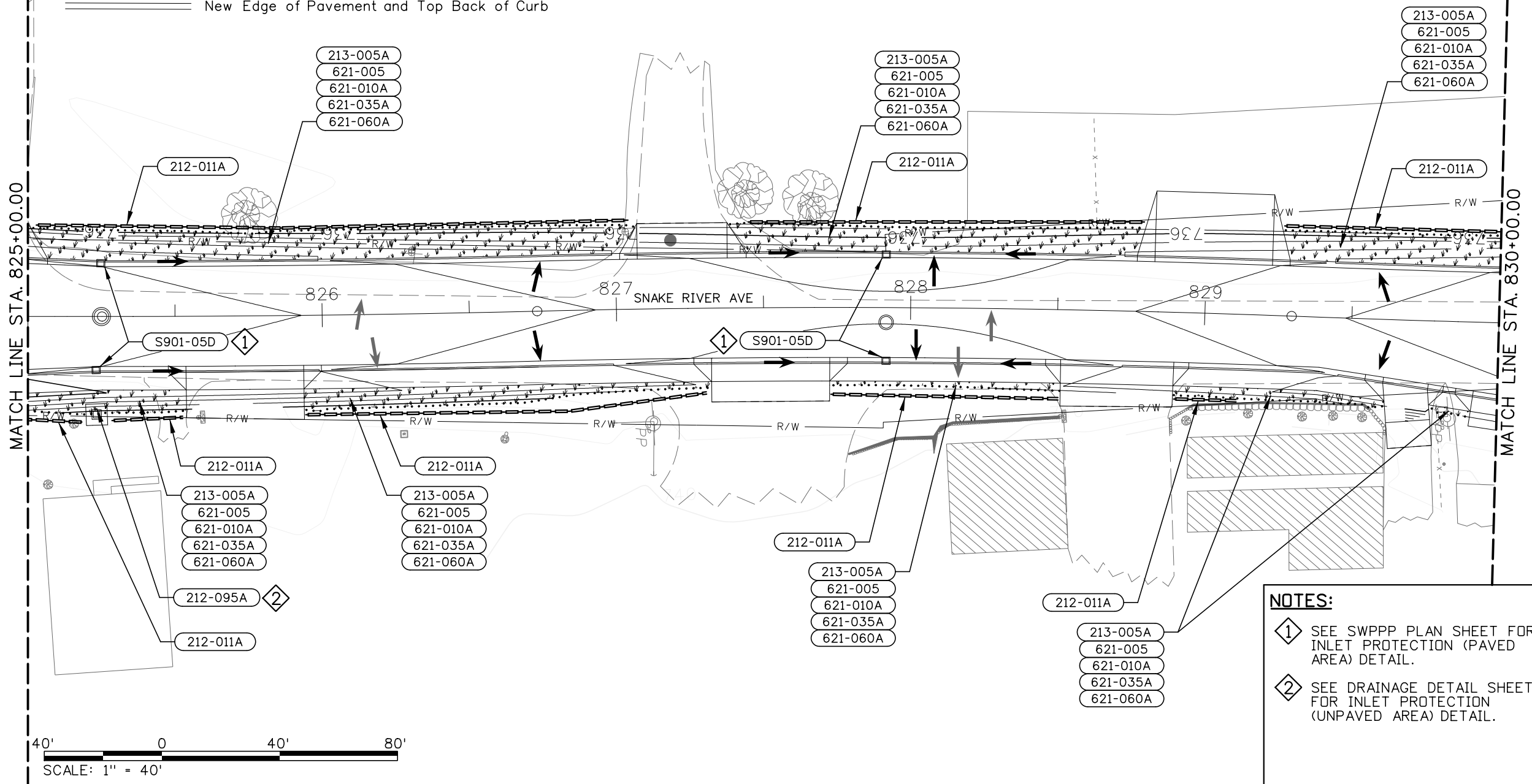
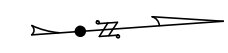
English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 41 OF 99

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LEGEND

- Erosion Blanket, Topsoil and "Dryland" Seeding/Limits of Ground Disturbance
- Topsoil and "Dryland" Seeding/Limits of Ground Disturbance
- Silt Fence
- Fiber Wattles
- Pre-Construction Direction of Water Flow
- Post-Construction Direction of Water Flow
- Pre-Construction Contours
- Post-Construction Contours
- Existing Edge of Pavement
- New Edge of Pavement and Top Back of Curb

T.35N., R.6W., B.M.



212-011A FIBER WATTLE	
201 LF	STA. 825+03, 31.1' LT. TO STA. 827+04, 30.3' LT.
17 LF	STA. 825+00, 35.0' RT. TO STA. 825+18, 35.9' RT.
24 LF	STA. 825+29, 35.4' RT. TO STA. 825+52, 34.4' RT.
137 LF	STA. 825+94, 33.8' RT. TO STA. 826+83, 34.3' RT. TO STA. 827+30, 28.8' RT.
135 LF	STA. 827+45, 29.2' LT. TO STA. 828+79, 30.4' LT.
77 LF	STA. 827+73, 29.5' RT. TO STA. 828+51, 30.3' RT.
21 LF	STA. 828+90, 29.5' RT. TO STA. 829+12, 29.4' RT.
74 LF	STA. 829+26, 30.6' LT. TO STA. 830+00, 30.9' LT.

212-095A INLET PROTECTION (UNPAVED AREA)	
1 EA	STA. 825+23.34, 29.67' RT.

213-005A TOPSOIL	
8 CY	STA. 825+00, 26.0' RT. TO STA. 825+54, 25.0' RT.
13 CY	STA. 825+94, 25.0' RT. TO STA. 827+32, 25.0' RT.
37 CY	STA. 825+07, 19.7' LT. TO STA. 827+01, 19.0' LT.
23 CY	STA. 827+44, 19.0' LT. TO STA. 828+77, 19.0' LT.
3 CY	STA. 827+72, 25.0' RT. TO STA. 828+51, 25.0' RT.
5 CY	STA. 828+90, 25.0' RT. TO STA. 829+62, 27.8' RT.
14 CY	STA. 829+28, 19.0' LT. TO STA. 830+00, 19.0' LT.
0.5 CY	STA. 829+77, 28.6' RT. TO STA. 829+91, 30.4' RT.

621-005 SEED BED PREPARATION	
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621-010A SEEDING	
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621-035A FERTILIZING	
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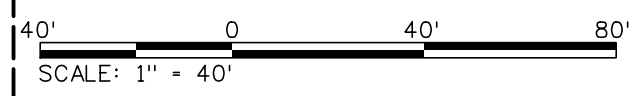
621-060A MULCH PLUS TACIFIER	
0.01 AC	STA. 825+00, 26.0' RT. TO STA. 825+54, 25.0' RT.
0.02 AC	STA. 825+94, 25.0' RT. TO STA. 827+32, 25.0' RT.
0.05 AC	STA. 825+07, 19.7' LT. TO STA. 827+01, 19.0' LT.
0.03 AC	STA. 827+44, 19.0' LT. TO STA. 828+77, 19.0' LT.
0.01 AC	STA. 828+90, 25.0' RT. TO STA. 828+51, 25.0' RT.
0.01 AC	STA. 828+90, 25.0' RT. TO STA. 829+62, 27.8' RT.
0.01 AC	STA. 829+28, 19.0' LT. TO STA. 830+00, 19.0' LT.
0.01 AC	STA. 829+77, 28.6' RT. TO STA. 829+91, 30.4' RT.

S901-05D INLET PROTECTION (PAVED AREA)	
1 EA	STA. 825+24.78, 18.10' LT.
1 EA	STA. 825+23.20, 18.19' RT.
1 EA	STA. 827+91.67, 18.08' LT.
1 EA	STA. 827+91.69, 18.08' RT.

NOTES:

① SEE SWPPP PLAN SHEET FOR INLET PROTECTION (PAVED AREA) DETAIL.

② SEE DRAINAGE DETAIL SHEET FOR INLET PROTECTION (UNPAVED AREA) DETAIL.



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED R. WALN
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_eros_006.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

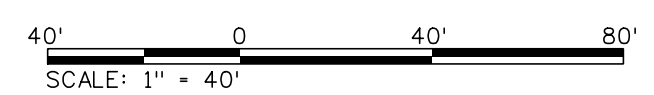
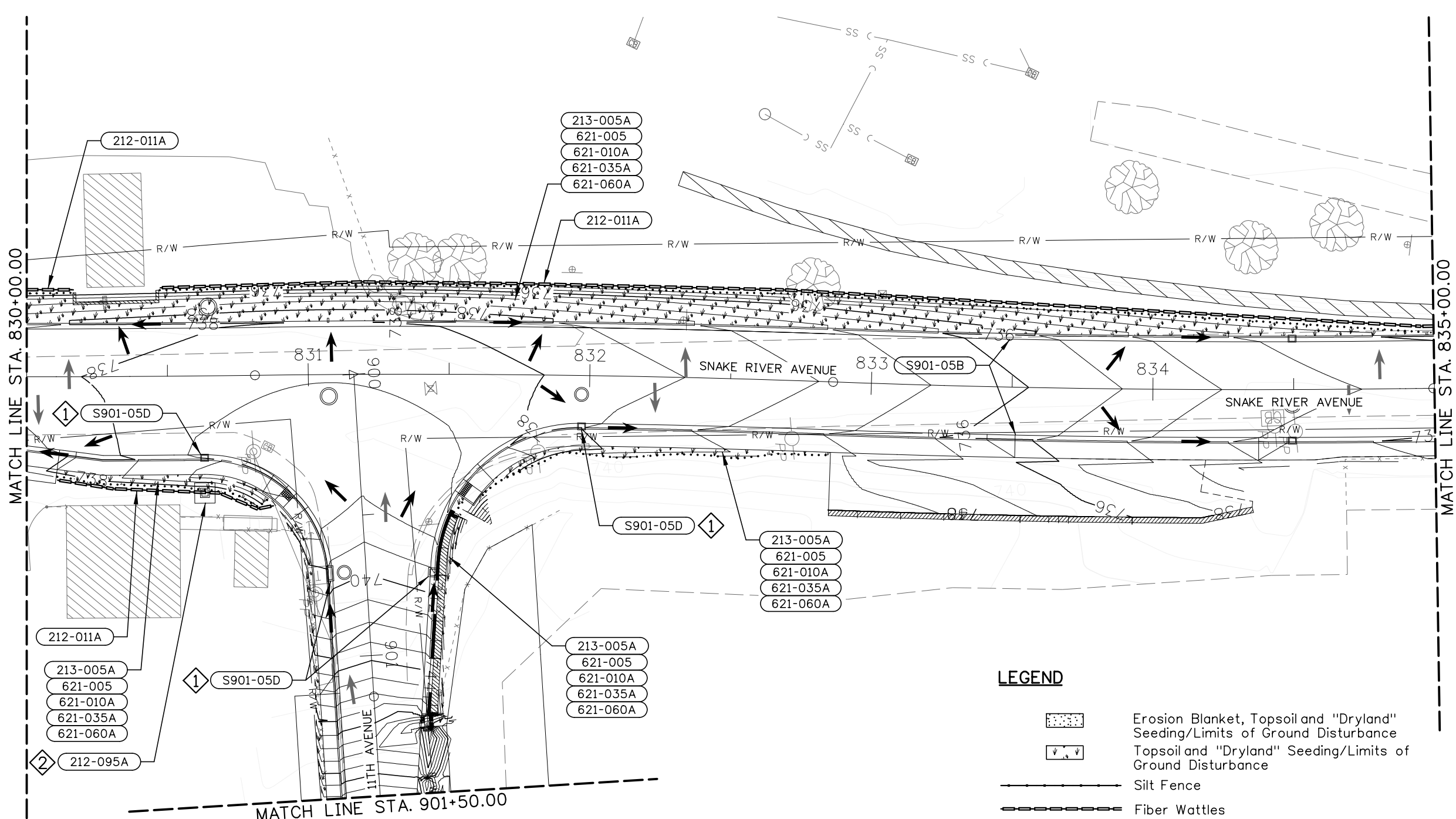
PROJECT NO. A013(443)

SWPPP PLAN SHEET
Snake River Ave Southway BR to 11th Ave
 STA. 825+00.00 TO STA. 830+00.00

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 42 OF 99

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

T.35N., R.6W., B.M.



212-011A		FIBER WATTLE	
17	LF	STA. 830+00, 30.9' LT. TO STA. 830+17, 30.9' LT.	
78	LF	STA. 830+11, 36.7' RT. TO STA. 830+31, 39.8' RT. TO STA. 830+68, 41.6' RT. TO STA. 830+81, 47.4' RT. TO STA. 830+87, 46.4' RT.	
453	LF	STA. 830+48, 31.4' LT. TO STA. 831+19, 32.8' LT. TO STA. 832+68, 32.1' LT. TO STA. 835+00, 22.1' LT.	
212-095A		INLET PROTECTION (UNPAVED AREA)	
1	EA	STA. 830+62.86, 43.46' RT.	
213-005A		TOPSOIL	
90	CY	STA. 830+00, 17.0' LT. TO STA. 835+00, 19.0' LT.	
10	CY	STA. 830+11, 32.9' RT. TO STA. 831+05, 150.8' RT.	
3	CY	STA. 831+40, 125.3' RT. TO STA. 831+54, 42.8' RT.	
6	CY	STA. 831+66, 37.5' RT. TO STA. 832+86, 25.0' RT.	
621-005		SEED BED PREPARATION	
621-010A		SEEDING	
621-035A		FERTILIZING	
621-060A		MULCH PLUS TACIFIER	
0.11	AC	STA. 830+00, 17.0' LT. TO STA. 835+00, 19.0' LT.	
0.01	AC	STA. 830+11, 32.9' RT. TO STA. 831+05, 150.8' RT.	
0.01	AC	STA. 831+40, 125.3' RT. TO STA. 831+54, 42.8' RT.	
0.01	AC	STA. 831+66, 37.5' RT. TO STA. 832+86, 25.0' RT.	
S901-05D		INLET PROTECTION (PAVED AREA)	
1	EA	STA. 830+62.89, 29.08' RT.	
1	EA	STA. 831+97.31, 18.08' RT.	
1	EA	STA. 833+50.20, 18.08' LT.	
1	EA	STA. 833+52.96, 18.08' RT.	
1	EA	STA. 900+70.02, 12.79' RT.	
1	EA	STA. 900+71.88, 23.67' LT.	

LEGEND

- Erosion Blanket, Topsoil and "Dryland" Seeding/Limits of Ground Disturbance
- Topsoil and "Dryland" Seeding/Limits of Ground Disturbance
- Silt Fence
- Fiber Wattles
- Pre-Construction Direction of Water Flow
- Post-Construction Direction of Water Flow
- Pre-Construction Contours
- Post-Construction Contours
- Existing Edge of Pavement
- New Edge of Pavement and Top Back of Curb

NOTES:

- ① SEE SWPPP PLAN SHEET FOR INLET PROTECTION (PAVED AREA) DETAIL.
- ② SEE DRAINAGE DETAIL SHEET FOR INLET PROTECTION (UNPAVED AREA) DETAIL.

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED H. CARTER	CADD FILE NAME 13443_eros_007.sht
DETAILED R. WALN	DRAWING DATE: 9/16/2016
DRAWING CHECKED H. CARTER	

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO. A013(443)

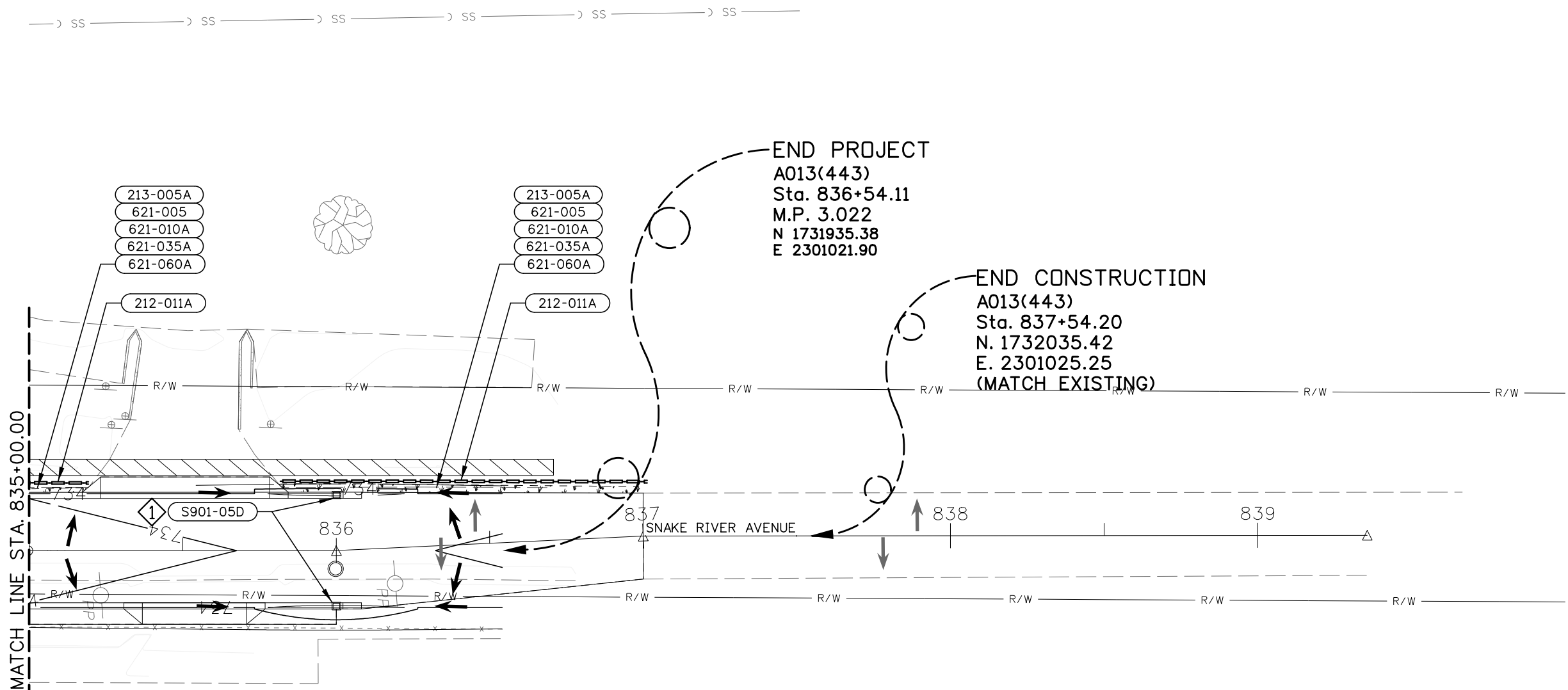
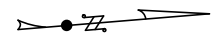
SWPPP PLAN SHEET SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE STA. 830+00.00 TO STA. 835+00.00
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English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 43 OF 99

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T.35N., R.6W., B.M.



212-011A		FIBER WATTLE
19	LF	STA. 835+00, 22.1' LT. TO STA. 835+19, 22.0' LT.
119	LF	STA. 835+82, 22.6' LT. TO STA. 837+02, 20.2' LT.
213-005A		TOPSOIL
1	CY	STA. 835+00, 19.0' LT. TO STA. 835+17, 19.0' LT.
6	CY	STA. 835+84, 19.0' RT. TO STA. 837+01, 16.50' RT.
621-005		SEED BED PREPARATION
621-010A		SEEDING
621-035A		FERTILIZING
621-060A		MULCH PLUS TACIFIER
0.01	AC	STA. 835+00, 19.0' LT. TO STA. 835+17, 19.0' LT.
0.01	AC	STA. 835+84, 19.0' RT. TO STA. 837+01, 16.50' RT.
S901-05D		INLET PROTECTION (PAVED AREA)
1	EA	STA. 836+00.07, 18.08' LT.
1	EA	STA. 836+00.00, 18.07' RT.

LEGEND

- Erosion Blanket, Topsoil and "Dryland" Seeding/Limits of Ground Disturbance
- Topsoil and "Dryland" Seeding/Limits of Ground Disturbance
- Silt Fence
- Fiber Wattles
- Pre-Construction Direction of Water Flow
- Post-Construction Direction of Water Flow
- Pre-Construction Contours
- Post-Construction Contours
- Existing Edge of Pavement
- New Edge of Pavement and Top Back of Curb

NOTES:

SEE SWPPP PLAN SHEET FOR INLET PROTECTION (PAVED AREA) DETAIL.

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED R. WALN
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_eros_008.sht
 DRAWING DATE: 9/16/2016



PROJECT NO. A013(443)








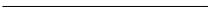


SWPPP PLAN SHEET
 SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE
 STA. 835+00.00 TO STA. 839+35.67

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 44 OF 99

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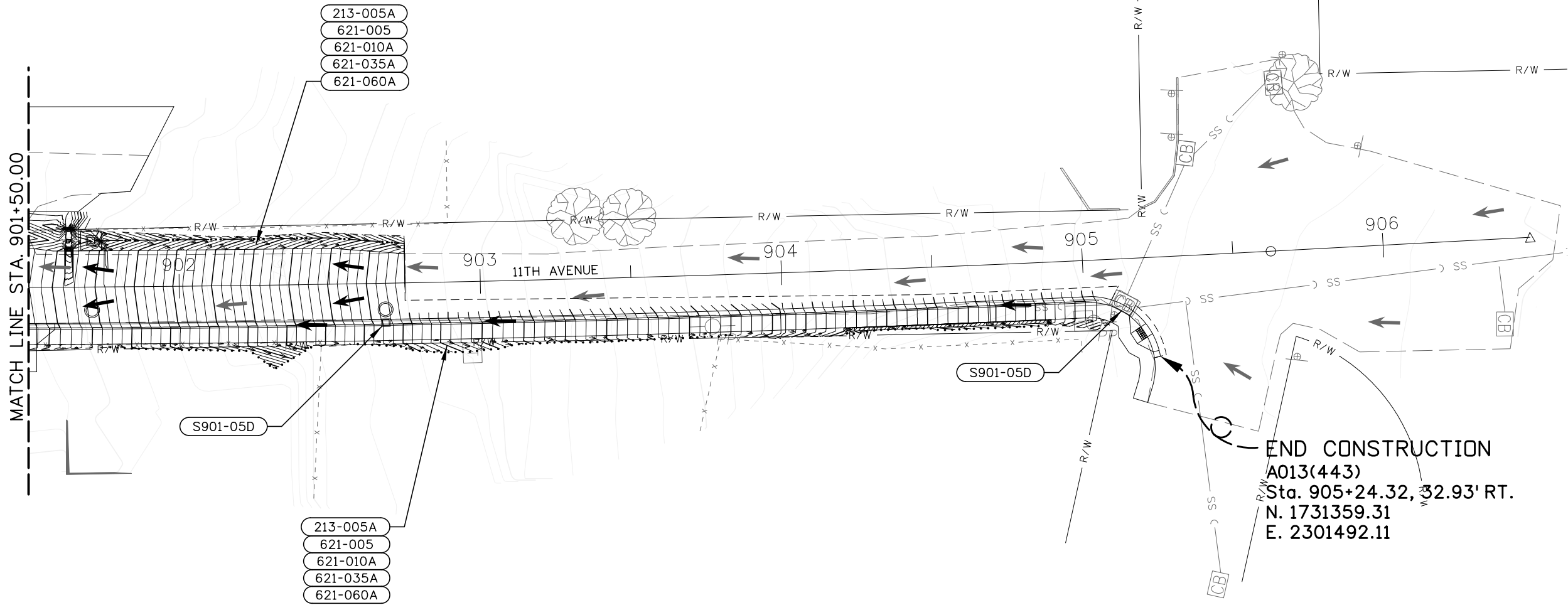
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LEGEND

-  Erosion Blanket, Topsoil and "Dryland" Seeding/Limits of Ground Disturbance
-  Topsoil and "Dryland" Seeding/Limits of Ground Disturbance
-  Silt Fence
-  Fiber Wattles
-  Pre-Construction Direction of Water Flow
-  Post-Construction Direction of Water Flow
-  Pre-Construction Contours
-  Post-Construction Contours
-  Existing Edge of Pavement
-  New Edge of Pavement and Top Back of Curb

T.35N., R.6W., B.M.

- 213-005A TOPSOIL
- 11 CY STA. 901+67, 12.0' LT. TO STA. 902+75, 9.7' LT.
- 16 CY STA. 901+50, 19.0' RT. TO STA. 905+11, 22.3' RT.
- 621-005 SEED BED PREPARATION
- 621-010A SEEDING
- 621-035A FERTILIZING
- 621-060A MULCH PLUS TACIFIER
- 0.01 AC STA. 901+67, 12.0' LT. TO STA. 902+75, 9.7' LT.
- 0.02 AC STA. 901+50, 19.0' RT. TO STA. 905+11, 22.3' RT.
- S901-05D INLET PROTECTION (PAVED AREA)
- 1 EA STA. 902+68.45, 13.08' RT.
- 1 EA STA. 905+13.76, 14.55' RT.



END CONSTRUCTION
A013(443)
Sta. 905+24.32, 32.93' RT.
N. 1731359.31
E. 2301492.11

ORIGINAL STORED
AT: ITD, District 2
2600 North &
South Highway,
Lewiston, ID

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
DESIGN CHECKED H. CARTER
DETAILED R. WALN
DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 13443_eros_009.sht
DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO.
A013(443)

SWPPP PLAN SHEET
SNAKE RIVER AVE
SOUTHWAY BR TO 11TH AVE
STA. 901+50.00 TO STA. 906+00.00

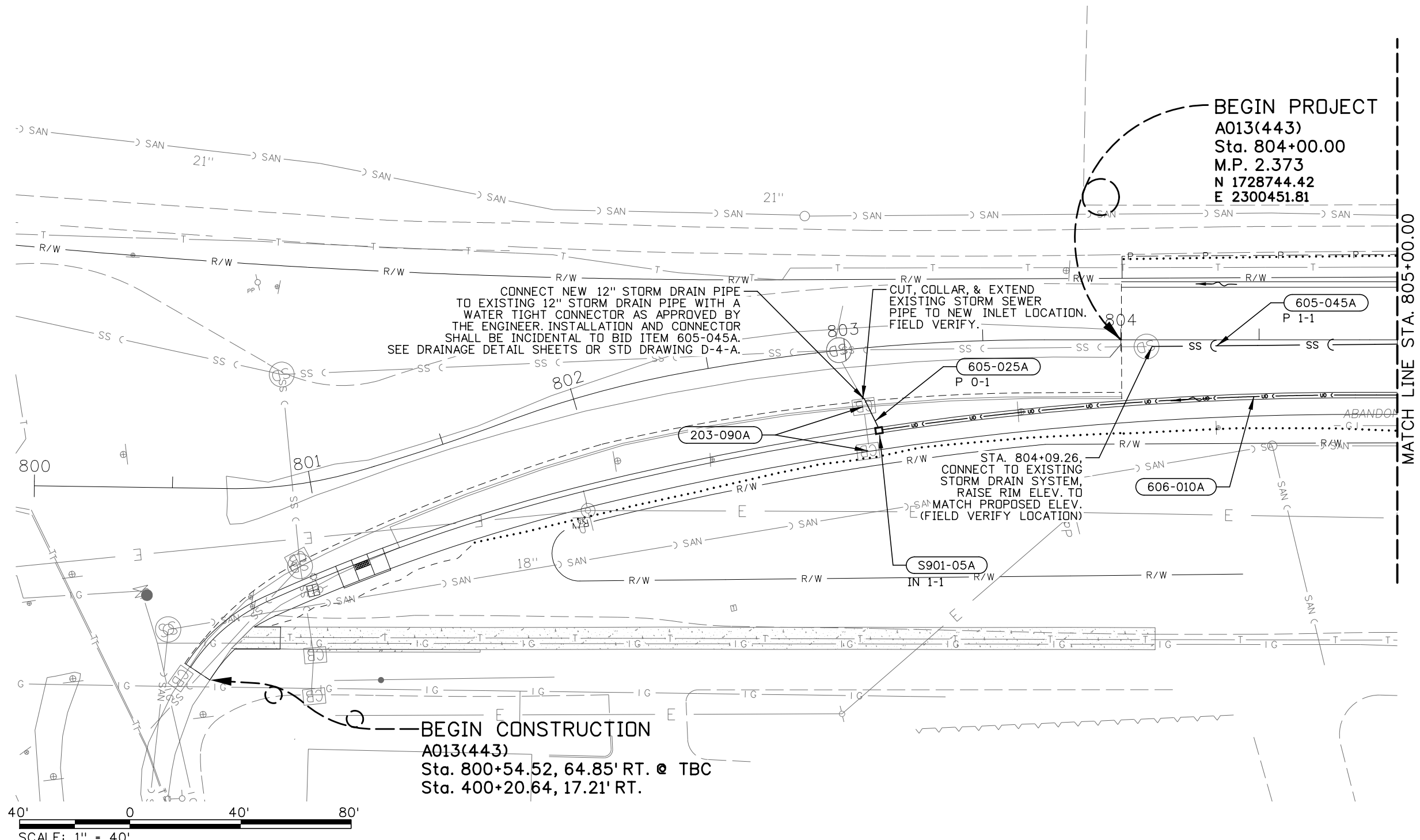
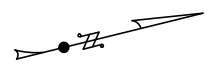
English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 45 OF 99

1455:39 PM

9/16/2016

H:\2014\BE-365-141 Snake River Ave Southway BR to 11th Ave\p\13443\Project_Development\Plan_Sheets\Hydraulics\13443_hypl_001.sht

T.35N., R.6W., B.M.



203-090A REM OF INLET	
1	EA STA. 803+04.87, 21.10' RT.
1	EA STA. 803+04.88, 37.40' RT.
605-025A 12" STORM SEWER PIPE	
13	FT P 0-1
	STA. 803+05.35, 18.42' RT. TO
	STA. 803+09.71, 30.25' RT.
605-045A 24" STORM SEWER PIPE	
91	FT P 1-1
	STA. 804+09.26, 2.44' RT. TO
	STA. 805+00.00, 1.57' RT.
606-010A 6" PIPE UNDERDRAIN	
188	FT STA. 803+09.71, 30.25' RT. TO
	STA. 805+00.00, 20.00' RT.
S901-05A SP STORM DRAIN INLET	
1	EA IN 1-1
	STA. 803+09.71, 30.25' RT.

BEGIN PROJECT
A013(443)
Sta. 804+00.00
M.P. 2.373
N 1728744.42
E 2300451.81

CONNECT NEW 12" STORM DRAIN PIPE TO EXISTING 12" STORM DRAIN PIPE WITH A WATER TIGHT CONNECTOR AS APPROVED BY THE ENGINEER. INSTALLATION AND CONNECTOR SHALL BE INCIDENTAL TO BID ITEM 605-045A. SEE DRAINAGE DETAIL SHEETS OR STD DRAWING D-4-A.

CUT, COLLAR, & EXTEND EXISTING STORM SEWER PIPE TO NEW INLET LOCATION. FIELD VERIFY.

STA. 804+09.26, CONNECT TO EXISTING STORM DRAIN SYSTEM, RAISE RIM ELEV. TO MATCH PROPOSED ELEV. (FIELD VERIFY LOCATION)

BEGIN CONSTRUCTION
A013(443)
Sta. 800+54.52, 64.85' RT. @ TBC
Sta. 400+20.64, 17.21' RT.

NOTES:

1. ALL EXISTING STORM DRAIN FACILITIES SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.
2. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL CALL "DIG LINE, INC." AT 811 AT LEAST TWO BUSINESS DAYS PRIOR TO CONSTRUCTION.
3. ALL CORING AND GROUTING NECESSARY FOR CONNECTING STORM SEWER PIPES TO EXISTING MANHOLES SHALL BE INCIDENTAL TO THE STORM SEWER PIPE.

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED
K. A. DAVIDSON
 DESIGN CHECKED
D. BARKER
 DETAILED
K. A. DAVIDSON
 DRAWING CHECKED
K. HOOPES

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME
13443_hypl_001.sht
 DRAWING DATE:
9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

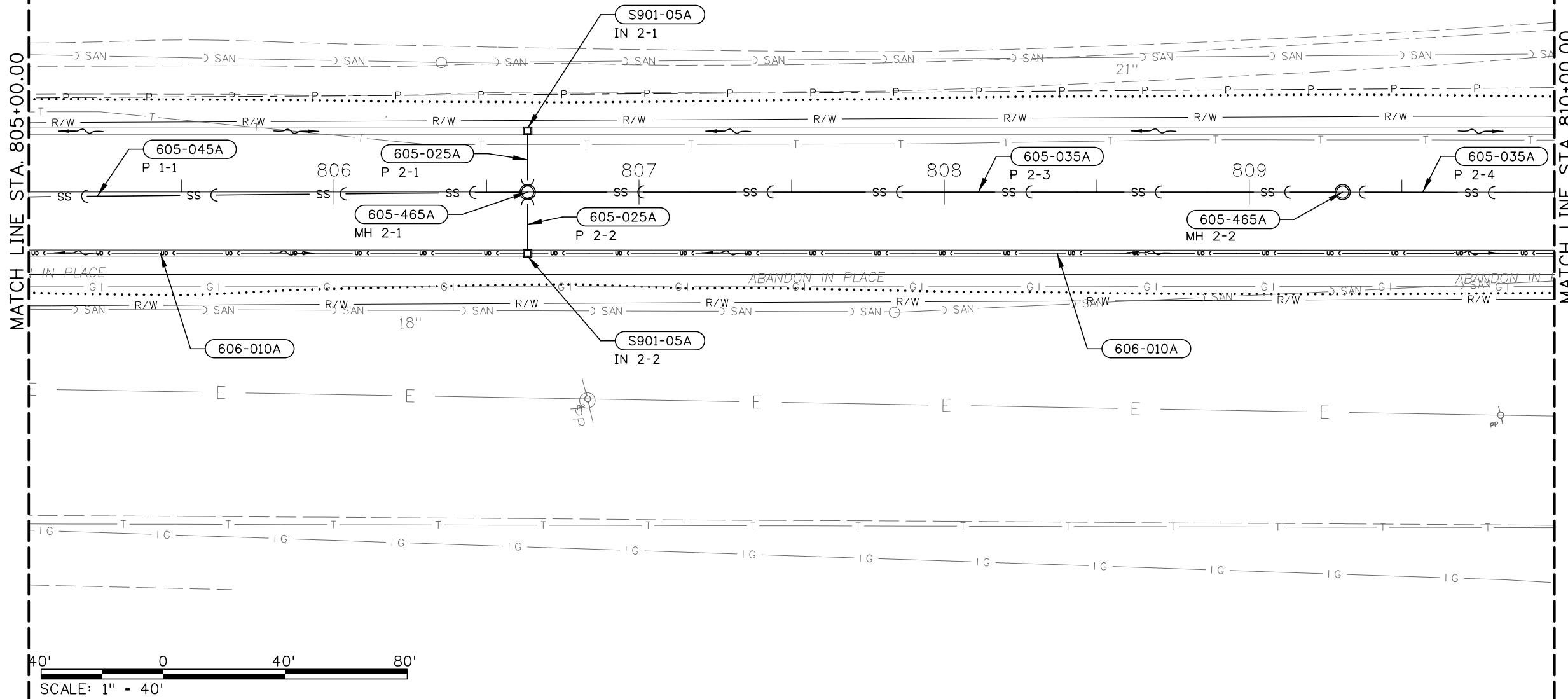
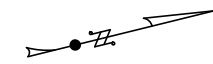
HORROCKS ENGINEERS

PROJECT NO.
A013(443)

DRAINAGE PLAN SHEET
Snake River Ave
SOUTHWAY BR TO 11TH AVE
 STA. 800+00.00 TO STA. 805+00.00

English
 COUNTY
NEZ PERCE
 KEY NUMBER
13443
 SHEET 46 OF 99

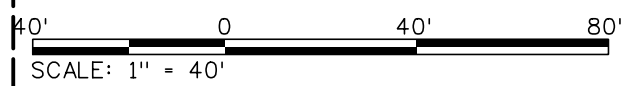
T.35N., R.6W., B.M.



605-025A	12" STORM SEWER PIPE
20 FT	P 2-1 STA. 806+63.46, 20.00' LT. TO Sta. 806+63.47, 0.00' LT.
20 FT	P 2-2 STA. 806+63.45, 20.00' RT. TO STA. 806+63.47, 0.00' LT.
605-035A	18" STORM SEWER PIPE
267 FT	P 2-3 STA. 806+63.45, 0.00' LT. TO STA. 809+30.58, 0.00' LT.
70 FT	P 2-4 STA. 809+30.58, 0.00' LT. TO STA. 810+00.00, 0.00' LT.
605-045A	24" STORM SEWER PIPE
164 FT	P 1-1 STA. 805+00.00, 1.57' RT. TO STA. 806+63.47, 0.00' RT.
605-465A	MANHOLE TY C
1 EA	MH 2-1 STA. 806+63.47, 0.00' LT.
1 EA	MH 2-2 STA. 809+30.58, 0.00' LT.

606-010A	6" PIPE UNDERDRAIN
164 FT	Sta. 805+00.00, 20.00' RT. TO Sta. 806+63.45, 20.00' RT.
337 FT	Sta. 806+63.45, 20.00' RT. TO Sta. 810+00.00, 20.00' RT.

- NOTES:**
1. ALL EXISTING STORM DRAIN FACILITIES SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.
 2. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL CALL "DIG LINE, INC." AT 811 AT LEAST TWO BUSINESS DAYS PRIOR TO CONSTRUCTION.
 3. ALL CORING AND GROUTING NECESSARY FOR CONNECTING STORM SEWER PIPES TO EXISTING STORM STRUCTURES SHALL BE INCIDENTAL TO THE STORM SEWER PIPE.



ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED K. A. DAVIDSON	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 13443_hypl_002.sht DRAWING DATE: 9/16/2016
DESIGN CHECKED D. BARKER	
DETAILED K. A. DAVIDSON	
DRAWING CHECKED K. HOOPES	

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

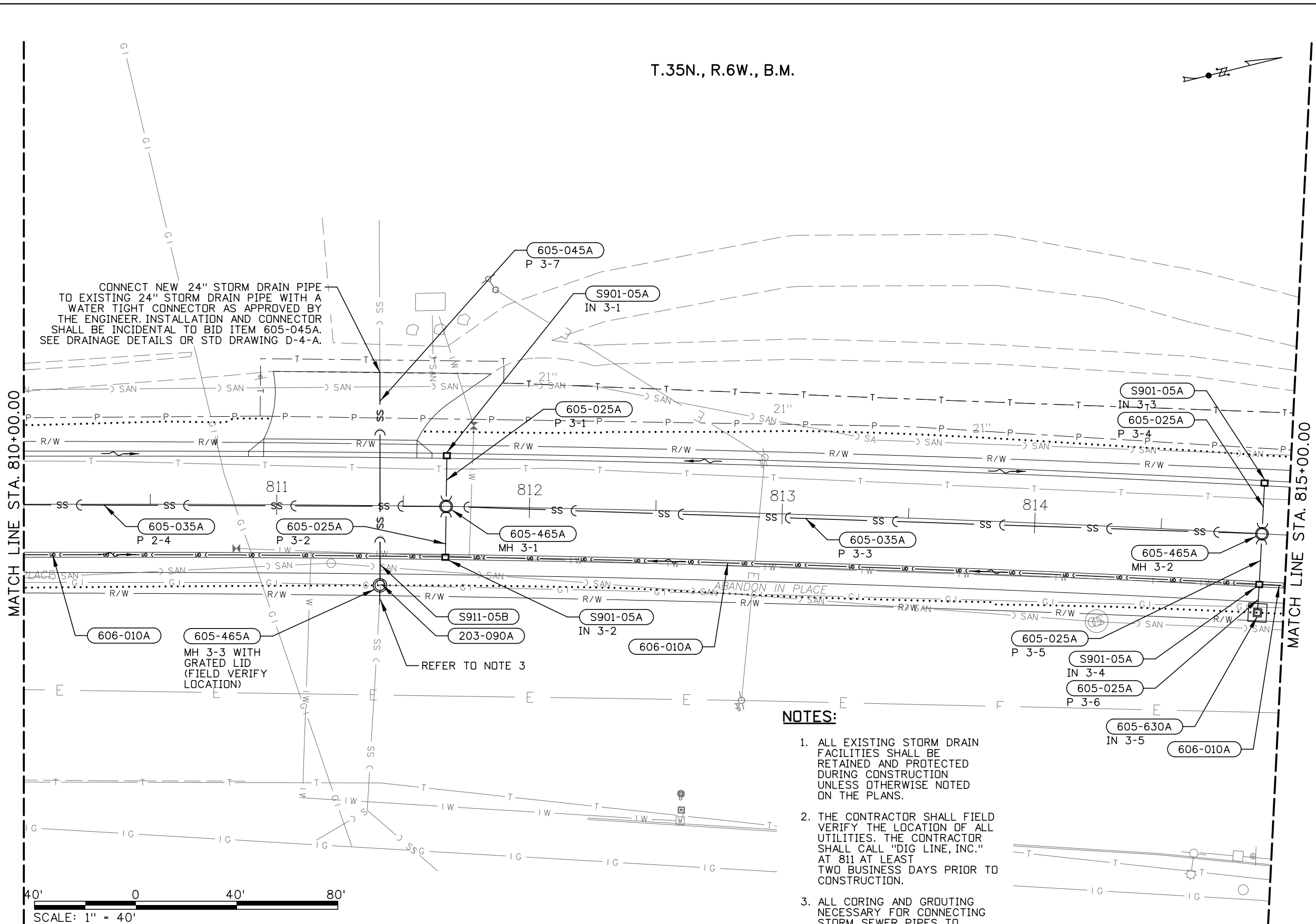
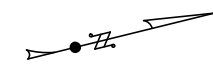
PROJECT NO. A013(443)

DRAINAGE PLAN SHEET SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE STA. 805+00.00 TO STA. 810+00.00

English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 47 OF 99

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

T.35N., R.6W., B.M.



203-090A	REM OF INLET
1 EA	STA. 811+41.34, 30.42' RT.
605-025A	12" STORM SEWER PIPE
20 FT	P 3-1 STA. 811+67.00, 20.00' LT. TO STA. 811+67.00, 0.00' LT.
20 FT	P 3-2 STA. 811+67.00, 20.00' RT. TO STA. 811+67.00, 0.00' LT.
20 FT	P 3-4 STA. 814+89.94, 20.00' LT. TO STA. 814+89.94, 0.00' LT.
20 FT	P 3-5 STA. 814+89.94, 20.00' RT. TO STA. 814+89.94, 0.00' LT.
11 FT	P 3-6 STA. 814+89.80, 31.26' RT. TO STA. 814+89.94, 20.00' RT.
605-035A	18" STORM SEWER PIPE
167 FT	P 2-4 STA. 810+00.00, 0.00' RT. TO STA. 811+67.00, 0.00' LT.
323 FT	P 3-3 STA. 811+67.00, 0.00' LT. TO STA. 814+89.94, 0.00' LT.
605-045A	24" STORM SEWER PIPE
85 FT	P 3-7 STA. 811+45.58, 32.00' RT. TO STA. 811+40.26, 52.59' LT.
605-465A	MANHOLE TY C
1 EA	MH 3-3 STA. 811+45.58, 32.00' RT. (FIELD VERIFY LOCATION)
1 EA	MH 3-1 STA. 811+67.00, 0.00' LT.
1 EA	MH 3-2 STA. 814+89.94, 0.00' LT.
605-630A	INLET TY 8
1 EA	IN 3-5 STA. 814+89.80, 31.26' RT.
606-010A	6" PIPE UNDERDRAIN
166 FT	STA. 810+00.00, 20.00' RT. TO STA. 811+67.00, 20.00' RT.
319 FT	STA. 811+67.00, 20.00' RT. TO STA. 814+89.94, 20.00' RT.
10 FT	STA. 814+89.94, 20.00' RT. TO STA. 815+00.00, 20.00' RT.
S901-05A	SP STORM DRAIN INLET
1 EA	IN 3-1 STA. 811+67.00, 20.00' LT.
1 EA	IN 3-2 STA. 811+67.00, 20.00' RT.
1 EA	IN 3-3 STA. 814+89.94, 20.00' LT.
1 EA	IN 3-4 STA. 814+89.94, 20.00' RT.
S911-05B	SP REM OF PIPE
83 FT	STA. 811+41.34, 30.42' RT. TO STA. 811+40.26, 52.59' LT.

- NOTES:**
1. ALL EXISTING STORM DRAIN FACILITIES SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.
 2. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL CALL "DIG LINE, INC." AT 811 AT LEAST TWO BUSINESS DAYS PRIOR TO CONSTRUCTION.
 3. ALL CORING AND GROUTING NECESSARY FOR CONNECTING STORM SEWER PIPES TO EXISTING STORM STRUCTURES SHALL BE INCIDENTAL TO THE STORM SEWER PIPE.



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED K. A. DAVIDSON	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED D. BARKER	CADD FILE NAME 13443_hypl_003.sht
DETAILED K. A. DAVIDSON	DRAWING DATE: 9/16/2016
DRAWING CHECKED K. HOOPES	

**IDAHO
TRANSPORTATION
DEPARTMENT**



**HORROCKS
ENGINEERS**

PROJECT NO. A013(443)

DRAINAGE PLAN SHEET SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE STA. 810+00.00 TO STA. 815+00.00

English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 48 OF 99

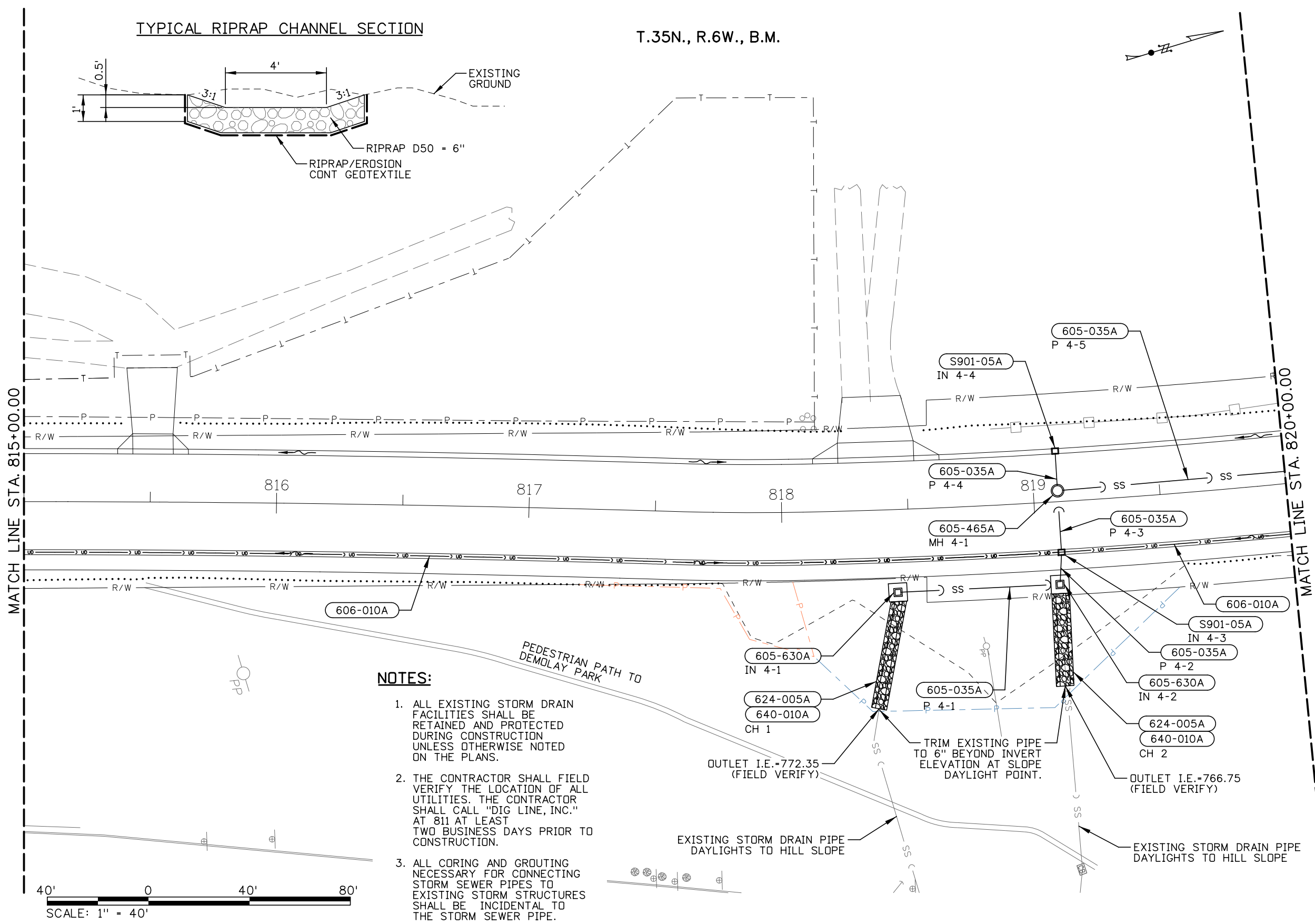
ORIGINAL STORED AT: ITD, District 2
2600 North & South Highway,
Lewiston, ID

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

11:55:41 PM

9/16/2016

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- NOTES:**
1. ALL EXISTING STORM DRAIN FACILITIES SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.
 2. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL CALL "DIG LINE, INC." AT 811 AT LEAST TWO BUSINESS DAYS PRIOR TO CONSTRUCTION.
 3. ALL CORING AND GROUTING NECESSARY FOR CONNECTING STORM SEWER PIPES TO EXISTING STORM STRUCTURES SHALL BE INCIDENTAL TO THE STORM SEWER PIPE.

605-035A 18" STORM SEWER PIPE	
64 FT	P 4-1 STA. 818+44.93, 32.81' RT. TO STA. 819+08.34, 32.74' RT.
13 FT	P 4-2 STA. 819+08.34, 32.74' RT. TO STA. 819+09.67, 20.08' RT.
24 FT	P 4-3 STA. 819+09.69, 20.08' RT. TO STA. 819+09.58, 4.35' LT.
16 FT	P 4-4 STA. 819+09.57, 20.08' LT. TO STA. 819+09.58, 4.35' LT.
91 FT	P 4-5 STA. 819+09.58, 4.35' LT. TO STA. 820+00.00, 4.86' LT.
605-465A MANHOLE TY C	
1 EA	MH 4-1 STA. 819+09.58, 4.35' LT.
605-630A INLET TY 8	
1 EA	IN 4-1 STA. 818+44.93, 32.81' RT.
1 EA	IN 4-2 STA. 819+08.34, 32.74' RT.
606-010A 6" PIPE UNDERDRAIN	
411 FT	STA. 815+00.00, 20.00' RT. TO STA. 819+09.69, 20.00' RT.
91 FT	STA. 819+09.69, 20.00' RT. TO STA. 820+00.00, 20.00' RT.
624-005A LOOSE RIPRAP D ₅₀ = 6"	
12 CY	CH 1 STA. 818+36, 78.6' RT. TO STA. 818+45, 36.5' RT.
10 CY	CH 2 STA. 819+08, 73.0' RT. TO STA. 819+08, 36.4' RT.
640-010A RIPRAP/EROSION CONT GEOTEXTILE	
48 SY	CH 1 STA. 818+36, 78.6' RT. TO STA. 818+45, 36.5' RT.
41 SY	CH 2 STA. 819+08, 73.0' RT. TO STA. 819+08, 36.4' RT.
S901-05A SP STORM DRAIN INLET	
1 EA	IN 4-3 STA. 819+09.58, 20.00' RT.
1 EA	IN 4-4 STA. 819+09.58, 20.00' LT.

ORIGINAL STORED AT: ITD, District 3
8150 Chinden Boulevard, Boise, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED K. A. DAVIDSON	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED D. BARKER	CADD FILE NAME 13443_hypl_004.sht
DETAILED K. A. DAVIDSON	DRAWING DATE: 9/16/2016
DRAWING CHECKED K. HOOPES	

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO.
A013(443)

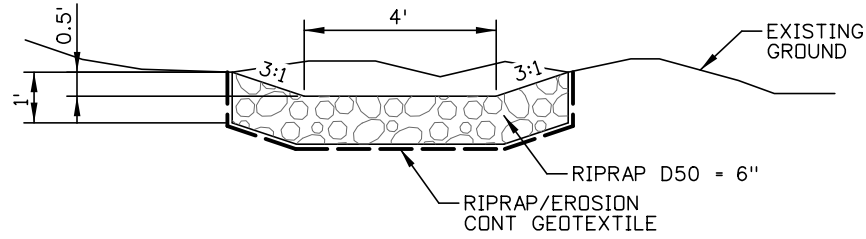
DRAINAGE PLAN SHEET
SNAKE RIVER AVE
SOUTHWAY BR TO 11TH AVE
STA. 815+00.00 TO STA. 820+00.00

English
COUNTY
NEZ PERCE
KEY NUMBER
13443
SHEET 49 OF 99

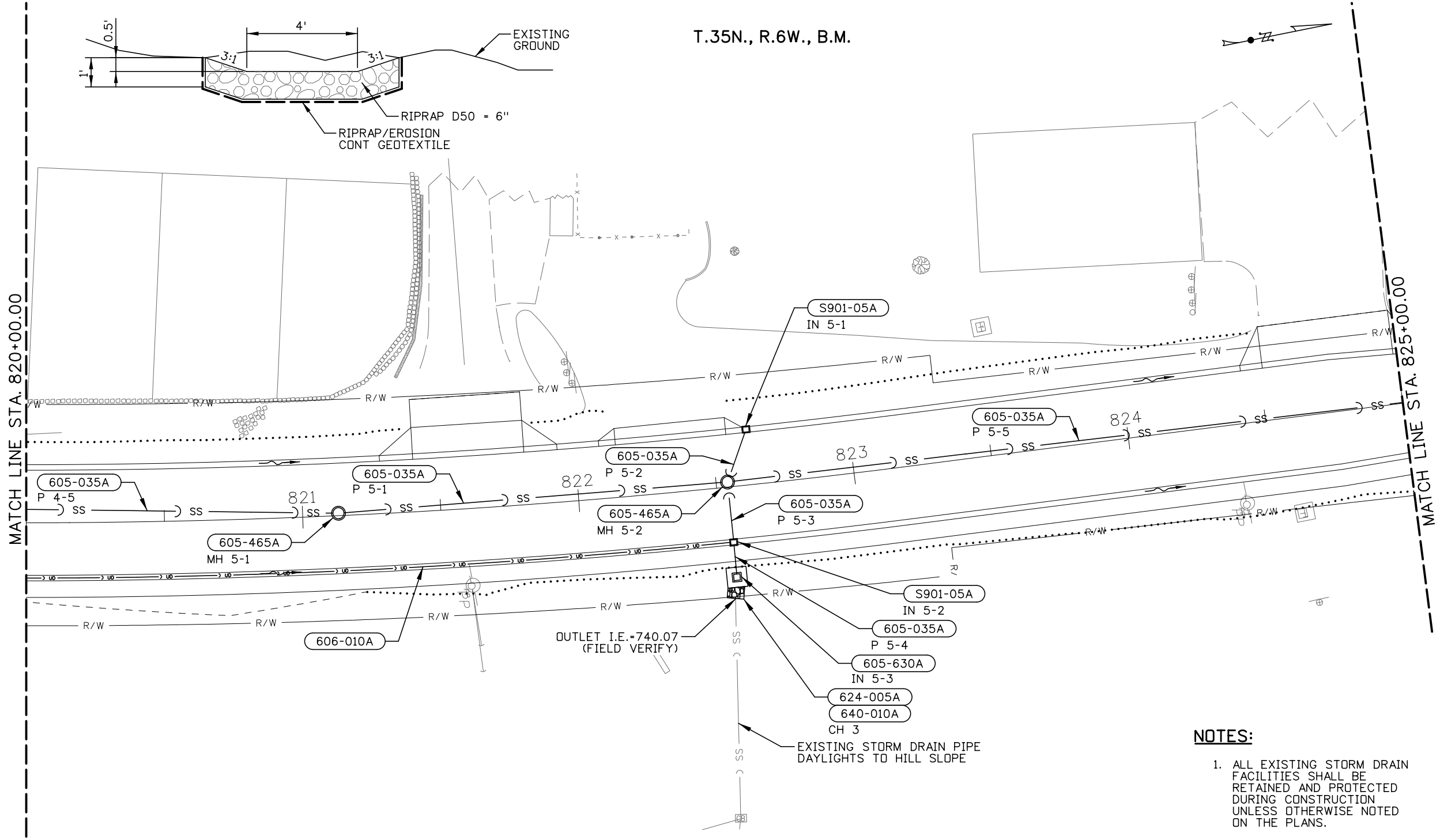
NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

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TYPICAL RIPRAP CHANNEL SECTION



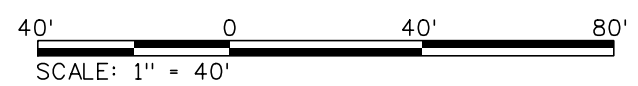
T.35N., R.6W., B.M.



605-035A	18" STORM SEWER PIPE
113 FT	P 4-5 STA. 820+00.00, 4.86' LT. TO STA. 821+12.98, 0.91' LT.
141 FT	P 5-1 STA. 821+12.98, 0.91' LT. TO STA. 822+54.17, 1.84' LT.
20 FT	P 5-2 STA. 822+62.81, 20.00' LT. TO STA. 822+54.17, 1.84' LT.
22 FT	P 5-3 STA. 822+54.19, 20.00' RT. TO STA. 822+54.17, 1.84' LT.
13 FT	P 5-4 STA. 822+54.08, 32.77' RT. TO STA. 822+54.19, 20.00' RT.
246 FT	P 5-5 STA. 822+54.17, 1.84' LT. TO STA. 825+00.00, 0.24' LT.
605-465A	MANHOLE TY C
1 EA	MH 5-1 STA. 821+12.98, 0.91' LT.
1 EA	MH 5-2 STA. 822+54.17, 1.84' LT.
605-630A	INLET TY 8
1 EA	IN 5-3 STA. 822+54.08, 32.77' RT.
606-010A	6" PIPE UNDERDRAIN
255 FT	STA. 820+00.00, 20.00' RT. TO STA. 822+54.17, 20.00' RT.
624-005A	LOOSE RIPRAP D ₅₀ = 6"
2 CY	CH 3 STA. 822+53, 40.3' RT. TO STA. 822+54, 36.4' RT.
640-010A	RIPRAP/EROSION CONT GEOTEXTILE
4 SY	CH 3 STA. 822+53, 40.3' RT. TO STA. 822+54, 36.4' RT.
S901-05A	SP STORM DRAIN INLET
1 EA	IN 5-1 STA. 822+54.17, 20.00' RT.
1 EA	IN 5-2 STA. 822+62.81, 20.00p' LT.

NOTES:

- ALL EXISTING STORM DRAIN FACILITIES SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.
- THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL CALL "DIG LINE, INC." AT 811 AT LEAST TWO BUSINESS DAYS PRIOR TO CONSTRUCTION.
- ALL CORING AND GROUTING NECESSARY FOR CONNECTING STORM SEWER PIPES TO EXISTING STORM STRUCTURES SHALL BE INCIDENTAL TO THE STORM SEWER PIPE.



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED
K. A. DAVIDSON
DESIGN CHECKED
D. BARKER
DETAILED
K. A. DAVIDSON
DRAWING CHECKED
K. HOOPES

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 13443_hypl_005.sht
DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO.
A013(443)

DRAINAGE PLAN SHEET
SNAKE RIVER AVE
SOUTHWAY BR TO 11TH AVE
STA. 820+00.00 TO STA. 825+00.00

English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 50 OF 99

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

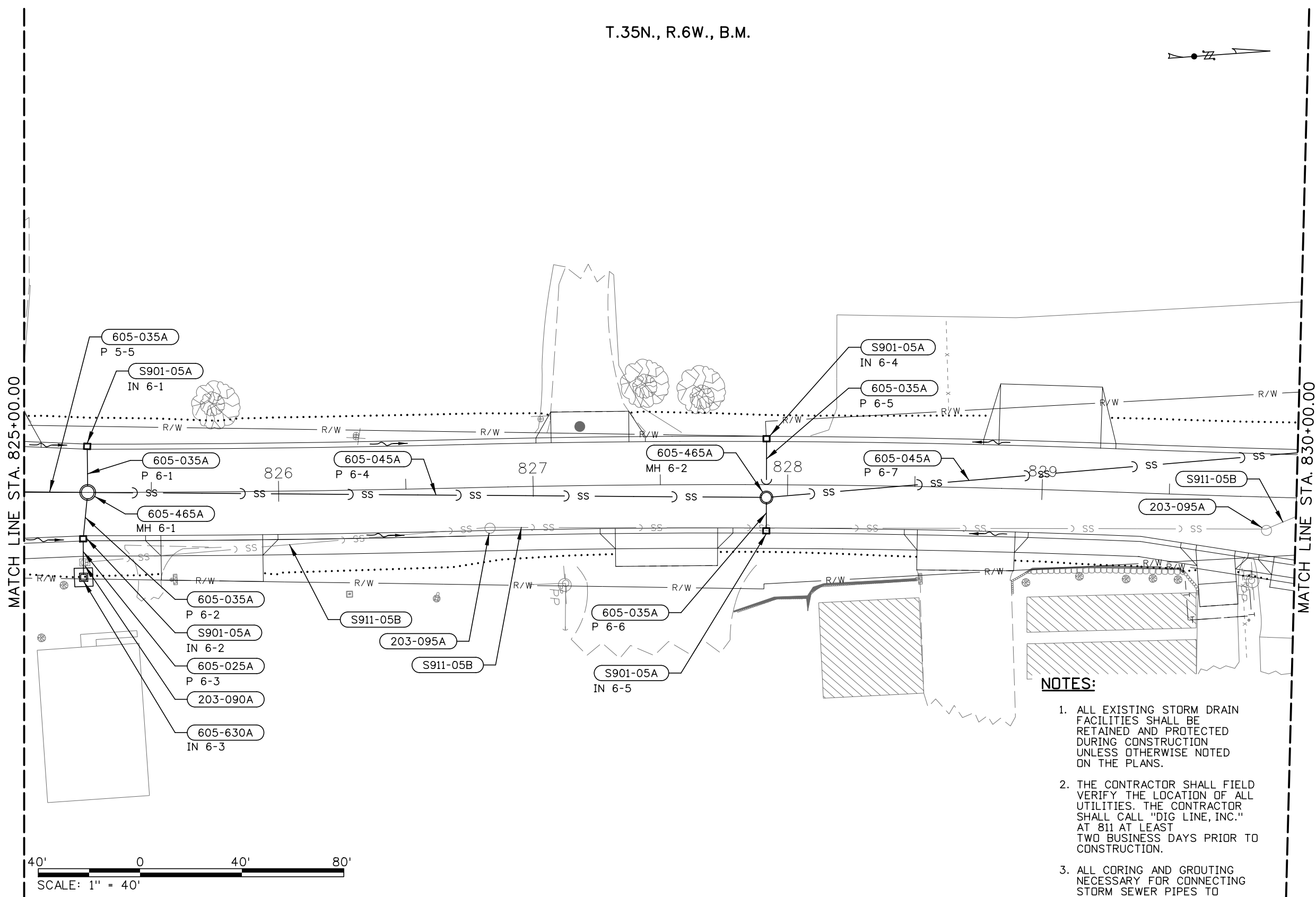
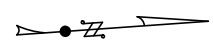
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PRELIMINARY
FOR CONSTRUCTION

11:55:42 PM

9/16/2016

H:\2014\BE-365-141\Snoke River Ave Southway BR to 11th Ave\prj\3443\Project_Development\Plan_Sheets\Hydraulics\3443_hypl_006.sht

T.35N., R.6W., B.M.



203-090A	REM OF INLET
1 EA	STA. 825+23.84, 27.44' RT.
203-095A	REM OF MANHOLE
1 EA	STA. 826+82.70, 16.09' RT.
1 EA	STA. 829+88.58, 13.10' RT.
605-025A	12" STORM SEWER PIPE
12 FT	P 6-3
	STA. 825+23.39, 33.33' RT. TO
	STA. 825+23.20, 18.19' RT.
605-035A	18" STORM SEWER PIPE
25 FT	P 5-5
	STA. 825+00.00, 0.24' LT. TO
	STA. 825+25.00, 0.00' LT.
18 FT	P 6-1
	STA. 825+24.78, 18.10' LT. TO
	STA. 825+25.00, 0.00' LT.
18 FT	P 6-2
	STA. 825+23.20, 18.19' RT. TO
	STA. 825+25.00, 0.00' LT.
23 FT	P 6-5
	STA. 827+91.67, 18.08' LT. TO
	STA. 827+91.69, 5.00' RT.
13 FT	P 6-6
	STA. 827+91.69, 18.08' RT. TO
	STA. 827+91.69, 5.00' RT.
605-045A	24" STORM SEWER PIPE
267 FT	P 6-4
	STA. 825+25.00, 0.00' LT. TO
	STA. 827+91.69, 5.00' RT.
210 FT	P 6-7
	STA. 827+91.69, 5.00' RT. TO
	STA. 830+00.00, 17.71' LT.
605-465A	MANHOLE TY C
1 EA	MH 6-1
	STA. 825+25.00, 0.00' LT.
1 EA	MH 6-2
	STA. 827+91.69, 5.00' RT.
605-630A	INLET TY 8
1 EA	IN 6-3
	STA. 825+23.39, 33.33' RT.
S901-05A	SP STORM DRAIN INLET
1 EA	IN 6-1
	STA. 825+24.78, 18.10' LT.
1 EA	IN 6-2
	STA. 825+23.20, 18.19' RT.
1 EA	IN 6-4
	STA. 827+91.67, 18.00' LT.
1 EA	IN 6-5
	STA. 827+91.69, 18.00' RT.
S911-05B	SP REM OF PIPE
160 FT	STA. 825+23.84, 27.44' RT. TO
	STA. 826+82.70, 16.09' RT.
305 FT	STA. 826+82.70, 16.09' RT. TO
	STA. 829+88.58, 13.10' RT.
13 FT	STA. 829+88.58, 13.10' RT. TO
	STA. 830+00.00, 7.35' RT.

NOTES:

1. ALL EXISTING STORM DRAIN FACILITIES SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.
2. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL CALL "DIG LINE, INC." AT 811 AT LEAST TWO BUSINESS DAYS PRIOR TO CONSTRUCTION.
3. ALL CORING AND GROUTING NECESSARY FOR CONNECTING STORM SEWER PIPES TO EXISTING STORM STRUCTURES SHALL BE INCIDENTAL TO THE STORM SEWER PIPE.

ORIGINAL STORED AT: ITD, District 3 8150 Chinden Boulevard, Boise, ID

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED K. A. DAVIDSON	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED D. BARKER	
DETAILED K. A. DAVIDSON	CADD FILE NAME 13443_hypl_006.sht
DRAWING CHECKED K. HOOPES	DRAWING DATE: 9/16/2016

**IDAHO
TRANSPORTATION
DEPARTMENT**

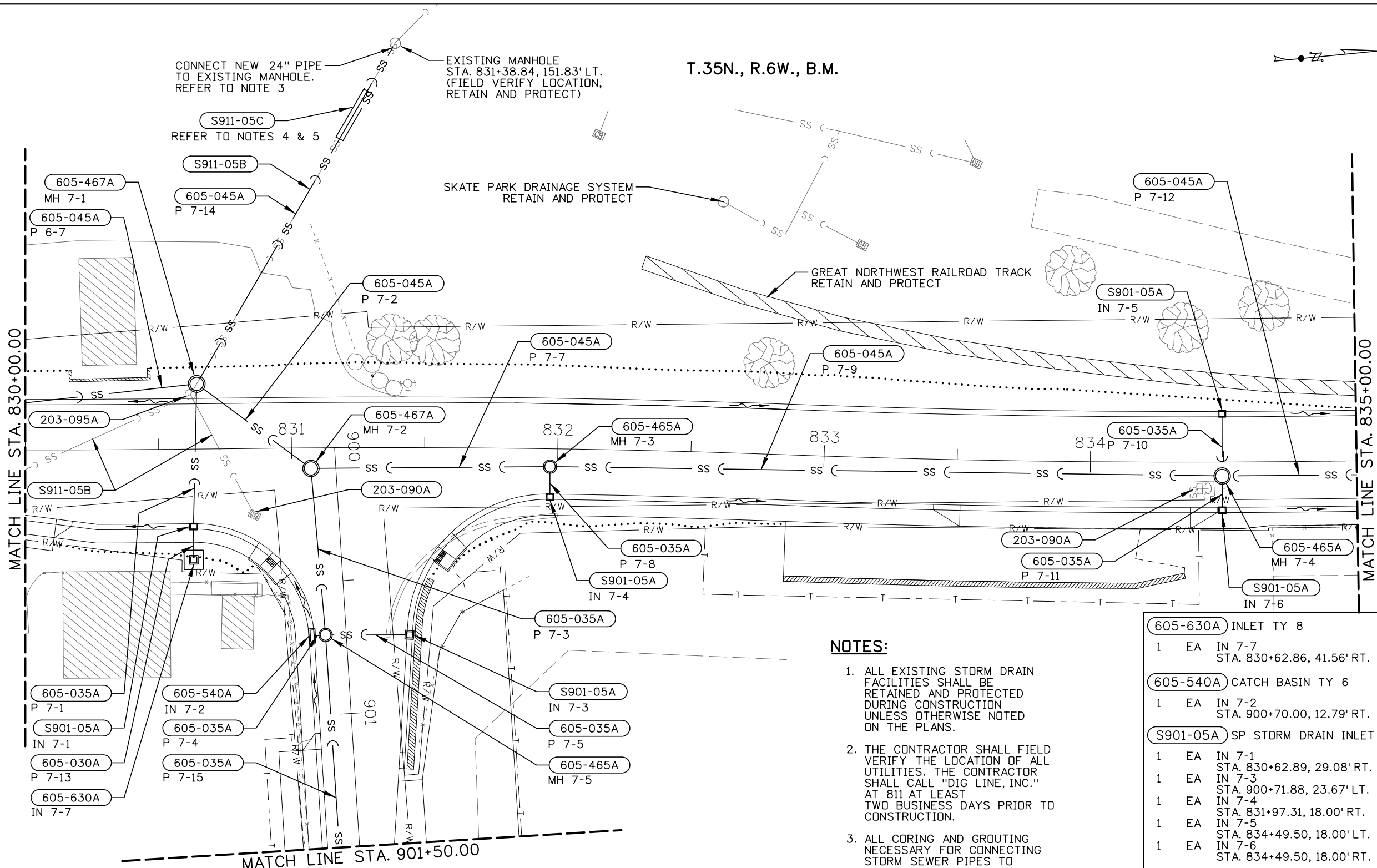


**HORROCKS
ENGINEERS**

PROJECT NO. A013(443)

DRAINAGE PLAN SHEET SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE STA. 825+00.00 TO STA. 830+00.00

English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 51 OF 99



203-090A	REM OF INLET	
1	EA	STA. 830+85.77, 25.03' RT.
1	EA	STA. 834+42.51, 10.08' RT.

203-095A	REM OF MANHOLE	
1	EA	STA. 830+62.01, 20.17' RT.

605-030A	15" STORM SEWER PIPE	
13	FT	P 7-13
		STA. 830+62.86, 41.56' RT. TO
		STA. 830+62.89, 29.08' RT.

605-035A	18" STORM SEWER PIPE	
54	FT	P 7-1
		STA. 830+62.89, 29.08' RT. TO
		STA. 830+64.64, 24.47' LT.
63	FT	P 7-3
		STA. 831+07.24, 7.73' RT. TO
		STA. 831+12.38, 70.31' RT.
5	FT	P 7-4
		STA. 831+07.27, 70.63' RT. TO
		STA. 831+12.38, 70.31' RT.
32	FT	P 7-5
		STA. 831+44.41, 70.32' RT. TO
		STA. 831+12.38, 70.31' RT.
11	FT	P 7-8
		STA. 831+97.31, 18.08' RT. TO
		STA. 831+97.15, 6.72' RT.
23	FT	P 7-10
		STA. 834+49.50, 18.09' LT. TO
		STA. 834+49.49, 5.22' RT.
13	FT	P 7-11
		STA. 834+49.50, 18.09' RT. TO
		STA. 834+49.49, 5.22' RT.
80	FT	P 7-15
		STA. 831+12.38, 70.31' RT. TO
		STA. 831+17.24, 150.19' RT.

605-045A	24" STORM SEWER PIPE	
65	FT	P 6-7
		STA. 830+00.00, 17.71' LT. TO
		STA. 830+64.64, 24.47' LT.
53	FT	P 7-2
		STA. 830+64.64, 24.47' LT. TO
		STA. 831+07.27, 7.73' RT.
90	FT	P 7-7
		STA. 831+07.24, 7.73' RT. TO
		STA. 831+97.15, 6.72' RT.
253	FT	P 7-9
		STA. 831+97.15, 6.72' RT. TO
		STA. 834+49.49, 5.22' RT.
51	FT	P 7-12
		STA. 834+49.49, 5.22' RT. TO
		STA. 835+00.00, 5.26' RT.
148	FT	P 7-14
		STA. 830+64.64, 24.47' LT. TO
		STA. 831+38.84, 151.83' LT.

605-045A	24" STORM SEWER PIPE	
65	FT	P 6-7
		STA. 830+00.00, 17.71' LT. TO
		STA. 830+64.64, 24.47' LT.
53	FT	P 7-2
		STA. 830+64.64, 24.47' LT. TO
		STA. 831+07.27, 7.73' RT.
90	FT	P 7-7
		STA. 831+07.24, 7.73' RT. TO
		STA. 831+97.15, 6.72' RT.
253	FT	P 7-9
		STA. 831+97.15, 6.72' RT. TO
		STA. 834+49.49, 5.22' RT.
51	FT	P 7-12
		STA. 834+49.49, 5.22' RT. TO
		STA. 835+00.00, 5.26' RT.
148	FT	P 7-14
		STA. 830+64.64, 24.47' LT. TO
		STA. 831+38.84, 151.83' LT.

605-045A	24" STORM SEWER PIPE	
65	FT	P 6-7
		STA. 830+00.00, 17.71' LT. TO
		STA. 830+64.64, 24.47' LT.
53	FT	P 7-2
		STA. 830+64.64, 24.47' LT. TO
		STA. 831+07.27, 7.73' RT.
90	FT	P 7-7
		STA. 831+07.24, 7.73' RT. TO
		STA. 831+97.15, 6.72' RT.
253	FT	P 7-9
		STA. 831+97.15, 6.72' RT. TO
		STA. 834+49.49, 5.22' RT.
51	FT	P 7-12
		STA. 834+49.49, 5.22' RT. TO
		STA. 835+00.00, 5.26' RT.
148	FT	P 7-14
		STA. 830+64.64, 24.47' LT. TO
		STA. 831+38.84, 151.83' LT.

605-045A	24" STORM SEWER PIPE	
65	FT	P 6-7
		STA. 830+00.00, 17.71' LT. TO
		STA. 830+64.64, 24.47' LT.
53	FT	P 7-2
		STA. 830+64.64, 24.47' LT. TO
		STA. 831+07.27, 7.73' RT.
90	FT	P 7-7
		STA. 831+07.24, 7.73' RT. TO
		STA. 831+97.15, 6.72' RT.
253	FT	P 7-9
		STA. 831+97.15, 6.72' RT. TO
		STA. 834+49.49, 5.22' RT.
51	FT	P 7-12
		STA. 834+49.49, 5.22' RT. TO
		STA. 835+00.00, 5.26' RT.
148	FT	P 7-14
		STA. 830+64.64, 24.47' LT. TO
		STA. 831+38.84, 151.83' LT.

605-045A	24" STORM SEWER PIPE	
65	FT	P 6-7
		STA. 830+00.00, 17.71' LT. TO
		STA. 830+64.64, 24.47' LT.
53	FT	P 7-2
		STA. 830+64.64, 24.47' LT. TO
		STA. 831+07.27, 7.73' RT.
90	FT	P 7-7
		STA. 831+07.24, 7.73' RT. TO
		STA. 831+97.15, 6.72' RT.
253	FT	P 7-9
		STA. 831+97.15, 6.72' RT. TO
		STA. 834+49.49, 5.22' RT.
51	FT	P 7-12
		STA. 834+49.49, 5.22' RT. TO
		STA. 835+00.00, 5.26' RT.
148	FT	P 7-14
		STA. 830+64.64, 24.47' LT. TO
		STA. 831+38.84, 151.83' LT.

605-045A	24" STORM SEWER PIPE	
65	FT	P 6-7
		STA. 830+00.00, 17.71' LT. TO
		STA. 830+64.64, 24.47' LT.
53	FT	P 7-2
		STA. 830+64.64, 24.47' LT. TO
		STA. 831+07.27, 7.73' RT.
90	FT	P 7-7
		STA. 831+07.24, 7.73' RT. TO
		STA. 831+97.15, 6.72' RT.
253	FT	P 7-9
		STA. 831+97.15, 6.72' RT. TO
		STA. 834+49.49, 5.22' RT.
51	FT	P 7-12
		STA. 834+49.49, 5.22' RT. TO
		STA. 835+00.00, 5.26' RT.
148	FT	P 7-14
		STA. 830+64.64, 24.47' LT. TO
		STA. 831+38.84, 151.83' LT.

605-465A	MANHOLE TY C	
1	EA	MH 7-3
		STA. 831+97.15, 6.72' RT.
1	EA	MH 7-4
		STA. 834+49.49, 5.22' RT.
1	EA	MH 7-5
		STA. 900+70.00, 7.76' RT.

605-467A	MANHOLE TY D	
1	EA	MH 7-1
		STA. 830+64.64, 24.47' LT.
1	EA	MH 7-2
		STA. 831+07.24, 7.73' RT.

ORIGINAL STORED AT: ITD, District 3
8150 Chinden Boulevard,
Boise, ID

NOTES:

- ALL EXISTING STORM DRAIN FACILITIES SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.
- THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL CALL "DIG LINE, INC." AT 811 AT LEAST TWO BUSINESS DAYS PRIOR TO CONSTRUCTION.
- ALL CORING AND GROUTING NECESSARY FOR CONNECTING STORM SEWER PIPES TO EXISTING STORM STRUCTURES SHALL BE INCIDENTAL TO THE STORM SEWER PIPE.
- INSTALL STEEL CASING BELOW EXISTING RAILROAD BALLAST. FIELD VERIFY LOCATION.
- COORDINATION WITH RAILROAD WILL BE REQUIRED TO PULL TRACK AND INSTALL CASING AND PIPE 7-14.

605-630A	INLET TY 8	
1	EA	IN 7-7
		STA. 830+62.86, 41.56' RT.
605-540A	CATCH BASIN TY 6	
1	EA	IN 7-2
		STA. 900+70.00, 12.79' RT.
S901-05A	SP STORM DRAIN INLET	
1	EA	IN 7-1
		STA. 830+62.89, 29.08' RT.
1	EA	IN 7-3
		STA. 900+71.88, 23.67' LT.
1	EA	IN 7-4
		STA. 831+97.31, 18.00' RT.
1	EA	IN 7-5
		STA. 834+49.50, 18.00' LT.
1	EA	IN 7-6
		STA. 834+49.50, 18.00' RT.
S911-05B	SP REM OF PIPE	
68	FT	STA. 830+00.00, 7.35' RT. TO
		STA. 830+62.01, 20.17' LT.
51	FT	STA. 830+85.77, 25.03' RT. TO
		STA. 830+62.01, 20.17' RT.
148	FT	STA. 830+64.64, 24.47' LT. TO
		STA. 831+38.84, 151.83' LT.
S911-05C	30" STEEL CASING	
20	FT	STA. 831+19.00, 116.65' LT.
		STA. 831+28.75, 133.90' LT.



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED K. A. DAVIDSON	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED D. BARKER	
DETAILED K. A. DAVIDSON	CADD FILE NAME 13443_hypl_007.sht
DRAWING CHECKED K. HOOPES	DRAWING DATE: 9/16/2016

**IDAHO
TRANSPORTATION
DEPARTMENT**



**HORROCKS
ENGINEERS**

PROJECT NO.	A013(443)
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DRAINAGE PLAN SHEET	English
SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE STA. 830+00.00 TO STA. 835+00.00	
KEY NUMBER	13443
SHEET	52 OF 99

English

COUNTY NEZ PERCE

KEY NUMBER 13443

SHEET 52 OF 99

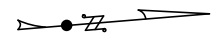
NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

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9/16/2016

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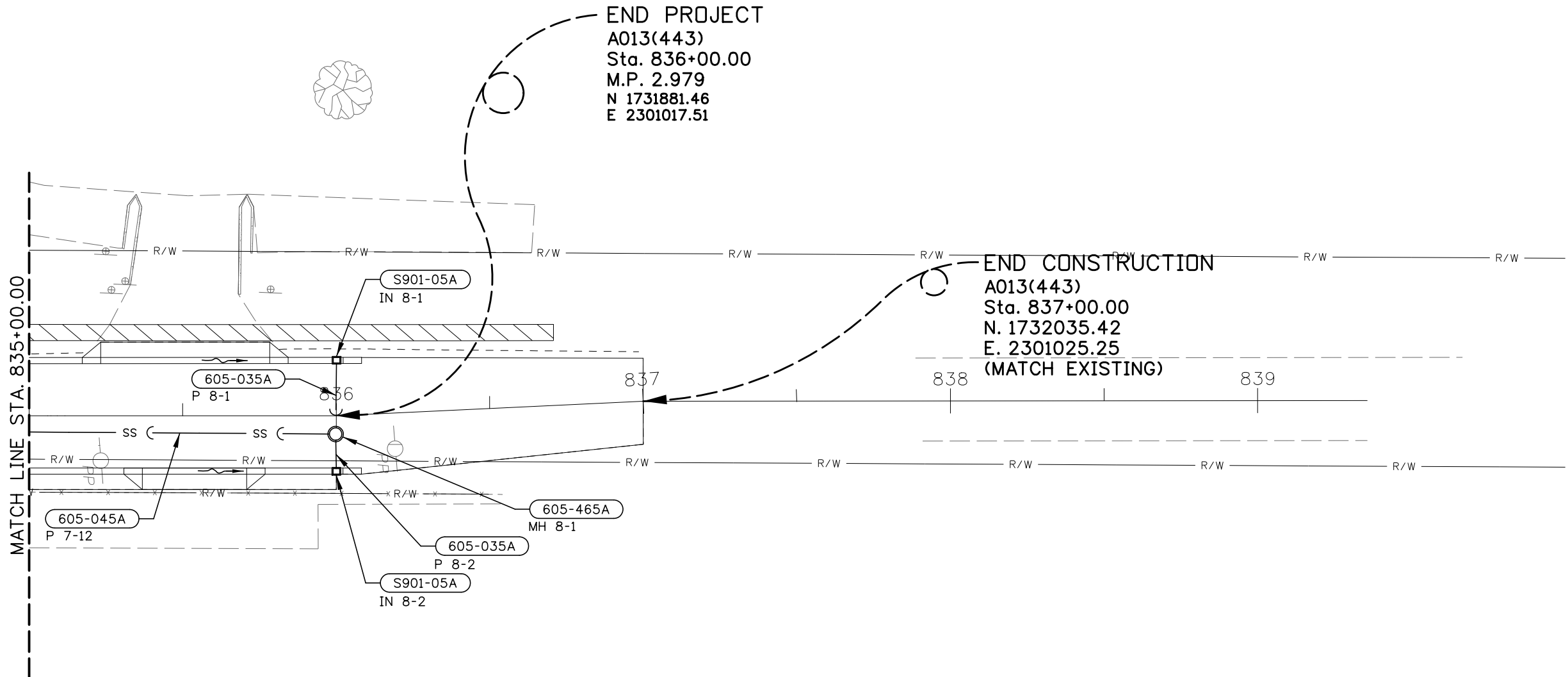
T.35N., R.6W., B.M.



- 605-035A 18" STORM SEWER PIPE
 24 FT P 8-1
 STA. 836+00.00, 18.00' LT. TO
 STA. 836+00.00, 5.92' RT.
- 12 FT P 8-2
 STA. 836+00.00, 18.00' RT. TO
 STA. 836+00.00, 5.92' RT.
- 605-045A 24" STORM SEWER PIPE
 100 FT P 7-12
 STA. 835+00.00, 5.33' RT. TO
 STA. 836+00.00, 5.92' RT.
- 605-465A MANHOLE TY C
 1 EA MH 8-1
 STA. 836+00.00, 5.92' RT.
- S901-05A SP STORM DRAIN INLET
 1 EA IN 8-1
 STA. 836+00.00, 18.00' LT.
 1 EA IN 8-2
 STA. 836+00.00, 18.00' RT.

END PROJECT
 A013(443)
 Sta. 836+00.00
 M.P. 2.979
 N 1731881.46
 E 2301017.51

END CONSTRUCTION
 A013(443)
 Sta. 837+00.00
 N. 1732035.42
 E. 2301025.25
 (MATCH EXISTING)



NOTES:

1. ALL EXISTING STORM DRAIN FACILITIES SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.
2. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL CALL "DIG LINE, INC." AT 811 AT LEAST TWO BUSINESS DAYS PRIOR TO CONSTRUCTION.
3. ALL CORING AND GROUTING NECESSARY FOR CONNECTING STORM SEWER PIPES TO EXISTING STORM STRUCTURES SHALL BE INCIDENTAL TO THE STORM SEWER PIPE.



ORIGINAL STORED
 AT: ITD, District 3
 8150 Chinden
 Boulevard,
 Boise, ID

NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED K. A. DAVIDSON	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED D. BARKER	
DETAILED K. A. DAVIDSON	CADD FILE NAME 13443_hypl_008.sht
DRAWING CHECKED K. HOOPES	DRAWING DATE: 9/16/2016

**IDAHO
 TRANSPORTATION
 DEPARTMENT**

**HORROCKS
 ENGINEERS**

PROJECT NO. A013(443)

DRAINAGE PLAN SHEET SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE STA. 835+00.00 TO STA. 839+35.67

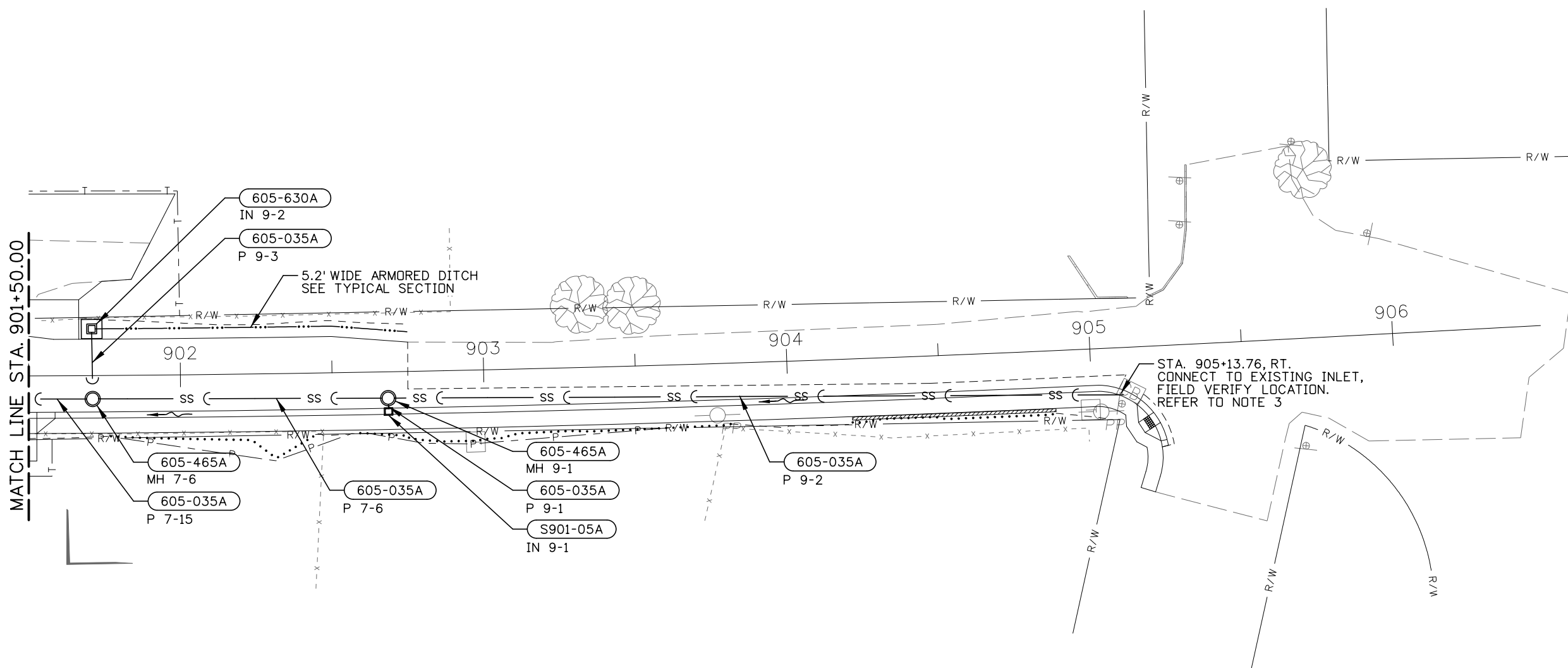
English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 53 OF 99

T.35N., R.6W., B.M.

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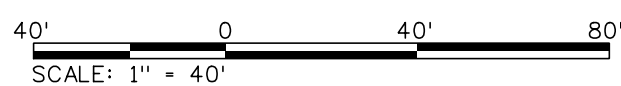
9/16/2016

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605-035A 18" STORM SEWER PIPE	
21 FT	P 7-15 STA. 901+50.00, 7.64' RT. TO STA. 901+71.06, 7.70' RT.
23 FT	P 9-3 STA. 901+70.87, 15.40' LT. TO STA. 901+71.06, 7.70' RT.
99 FT	P 7-6 STA. 901+71.06, 7.70' RT. TO STA. 902+68.40, 8.67' RT.
5 FT	P 9-1 STA. 902+68.45, 13.08' RT. TO STA. 902+68.40, 8.67' RT.
244 FT	P 9-2 STA. 902+68.40, 8.67' RT. TO STA. 905+13.76, 15' RT.
605-465A MANHOLE TY C	
1 EA	MH 7-6 STA. 901+71.06, 7.70' RT.
1 EA	MH 9-1 STA. 902+68.40, 8.67' RT.
605-630A INLET TY 8	
1 EA	IN 9-2 STA. 901+70.87, 15.40' LT.
S901-05A SP STORM DRAIN INLET	
1 EA	IN 9-1 STA. 902+68.45, 13.08' RT.

- NOTES:**
1. ALL EXISTING STORM DRAIN FACILITIES SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.
 2. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL CALL "DIG LINE, INC." AT 811 AT LEAST TWO BUSINESS DAYS PRIOR TO CONSTRUCTION.
 3. ALL CORING AND GROUTING NECESSARY FOR CONNECTING STORM SEWER PIPES TO EXISTING STORM STRUCTURES SHALL BE INCIDENTAL TO THE STORM SEWER PIPE.



ORIGINAL STORED AT: ITD, District 3
8150 Chinden Boulevard,
Boise, ID

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED
K. A. DAVIDSON

DESIGN CHECKED
D. BARKER

DETAILED
K. A. DAVIDSON

DRAWING CHECKED
K. HOOPES

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
13443_hypl_009.sht

DRAWING DATE:
9/16/2016



PROJECT NO.
A013(443)

DRAINAGE PLAN SHEET

Snake River Ave
Southway Br to 11th Ave
Sta. 901+50.00 to Sta. 906+00.00

English

COUNTY
NEZ PERCE

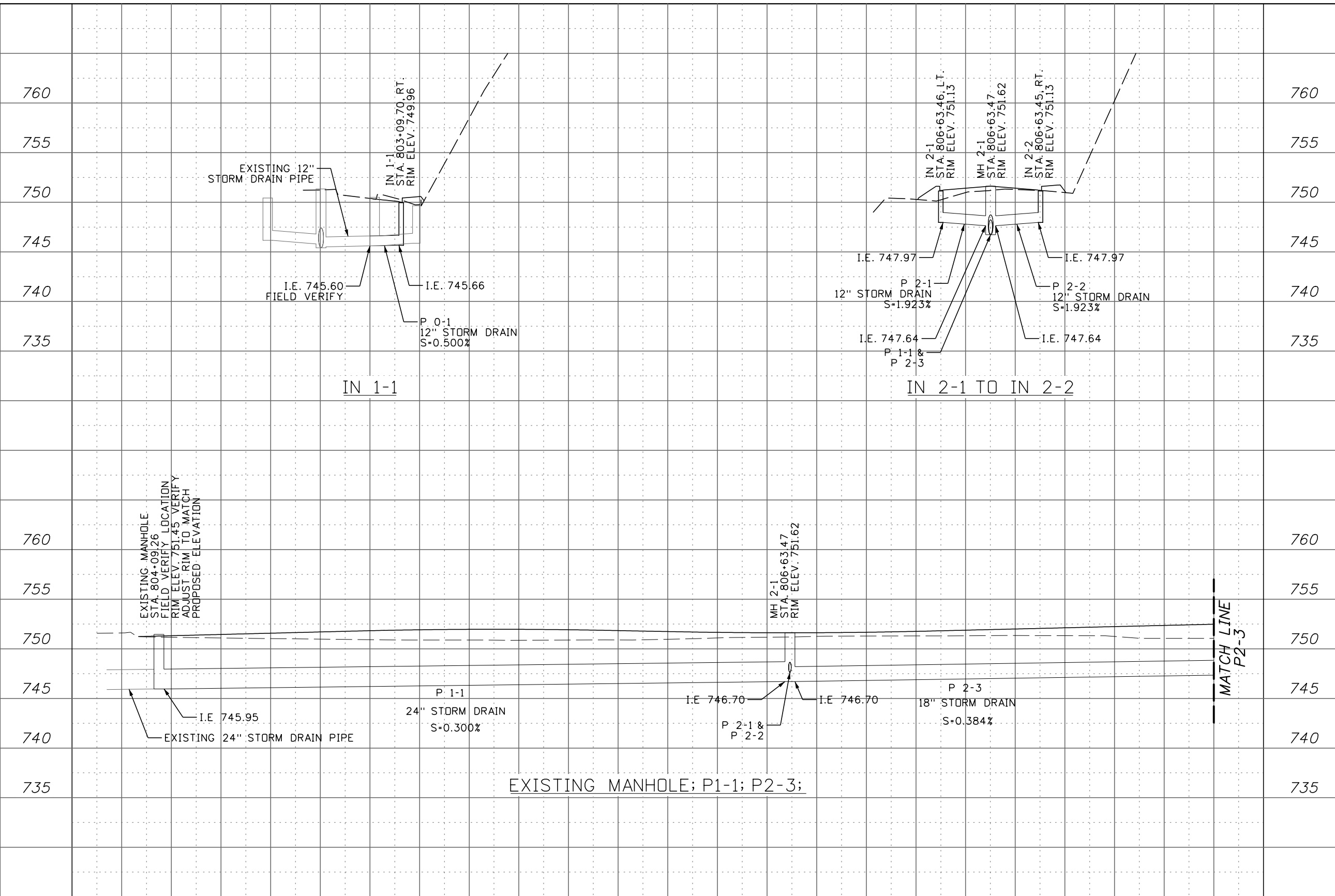
KEY NUMBER
13443

SHEET 54 OF 99

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9/16/2016

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- NOTES:**
1. ALL EXISTING STORM DRAIN FACILITIES SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.
 2. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL CALL "DIGLINE, INC." AT 811 AT LEAST TWO BUSINESS DAYS PRIOR TO CONSTRUCTION.
 3. ALL CORING AND GROUTING NECESSARY FOR CONNECTING STORM SEWER PIPES TO EXISTING STORM STRUCTURES OR PIPES SHALL BE INCIDENTAL TO THE STORM SEWER PIPE.

- NOTES:**
- EXISTING GROUND
 - FINISHED GRADE
 - 100 YR HG

VERTICAL SCALE: 1" = 10'

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED
K. A. DAVIDSON

DESIGN CHECKED
D. BARKER

DETAILED
R. WALN

DRAWING CHECKED
K. HOOPES

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
13443_hypr_001.sht

DRAWING DATE:
9/16/2016



HORROCKS ENGINEERS

PROJECT NO.
A013(443)

DRAINAGE PROFILE SHEET
SNAKE RIVER AVE
SOUTHWAY BR TO 11TH AVE

English
COUNTY
NEZ PERCE
KEY NUMBER
13443
SHEET 55 OF 99

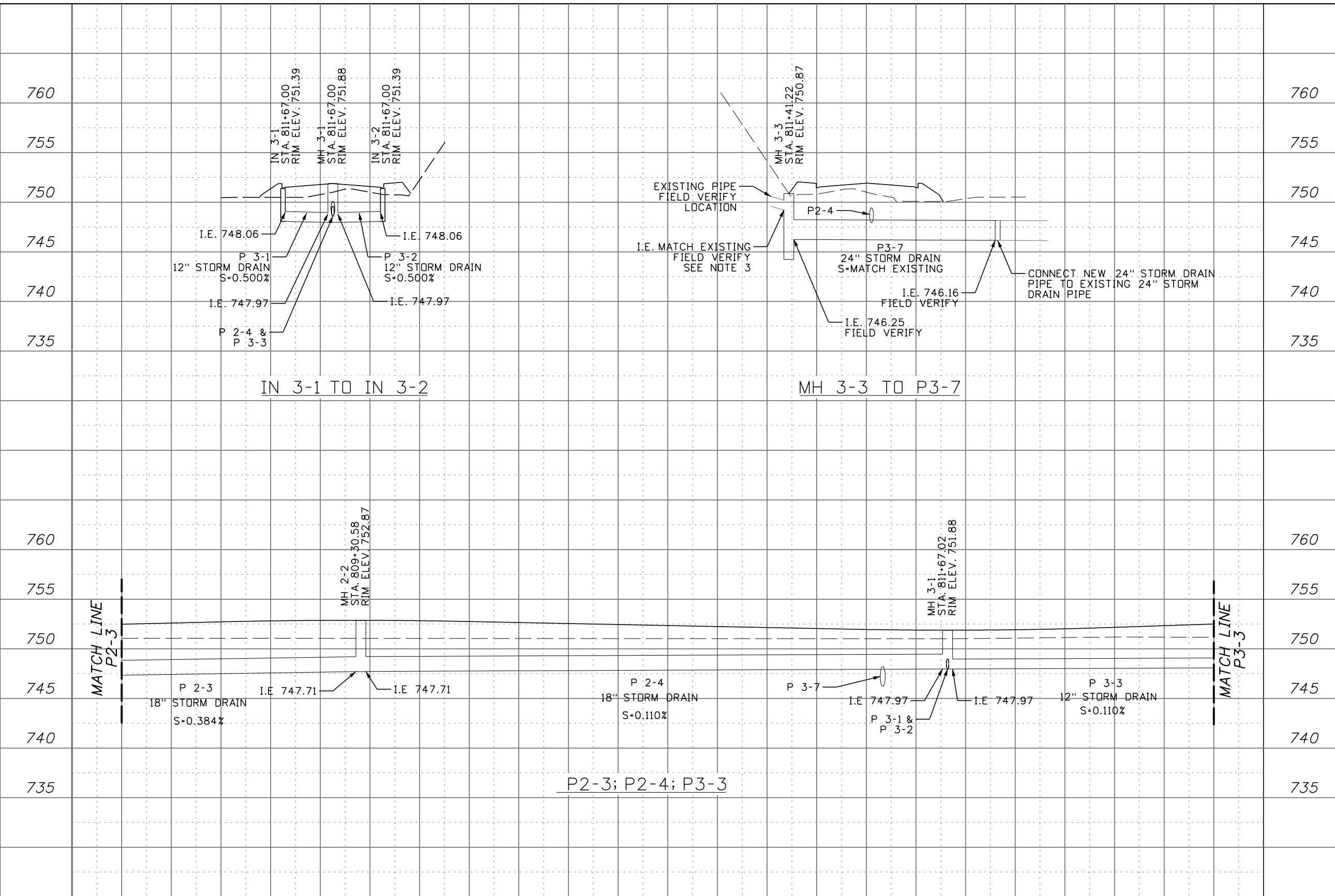
ORIGINAL STORED AT: ITD, District 3
8150 Chinden Boulevard,
Boise, ID

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

1455:46 PM

9/16/2016

H:\2014\BE-365-44\Snake River Ave Southway BR to 11th Ave\prj\3443\Project_Development\Plan_Sheets\Hydraulics\3443_hypr_002.sht



- NOTES:**
1. ALL EXISTING STORM DRAIN FACILITIES SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.
 2. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL CALL "DIGLINE, INC." AT 811 AT LEAST TWO BUSINESS DAYS PRIOR TO CONSTRUCTION.
 3. ALL CORING AND GROUTING NECESSARY FOR CONNECTING STORM SEWER PIPES TO EXISTING STORM STRUCTURES OR PIPES SHALL BE INCIDENTAL TO THE STORM SEWER PIPE.

- NOTES:**
- EXISTING GROUND
 - FINISHED GRADE
 - · - · - 100 YR HG

VERTICAL SCALE: 1" = 10'

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED
K. A. DAVIDSON
DESIGN CHECKED
D. BARKER
DETAILED
R. WALN
DRAWING CHECKED
K. HOOPES

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 13443_hypr_002.sht
DRAWING DATE: 9/16/2016



PROJECT NO.
A013(443)

DRAINAGE PROFILE SHEET
SNAKE RIVER AVE
SOUTHWAY BR TO 11TH AVE

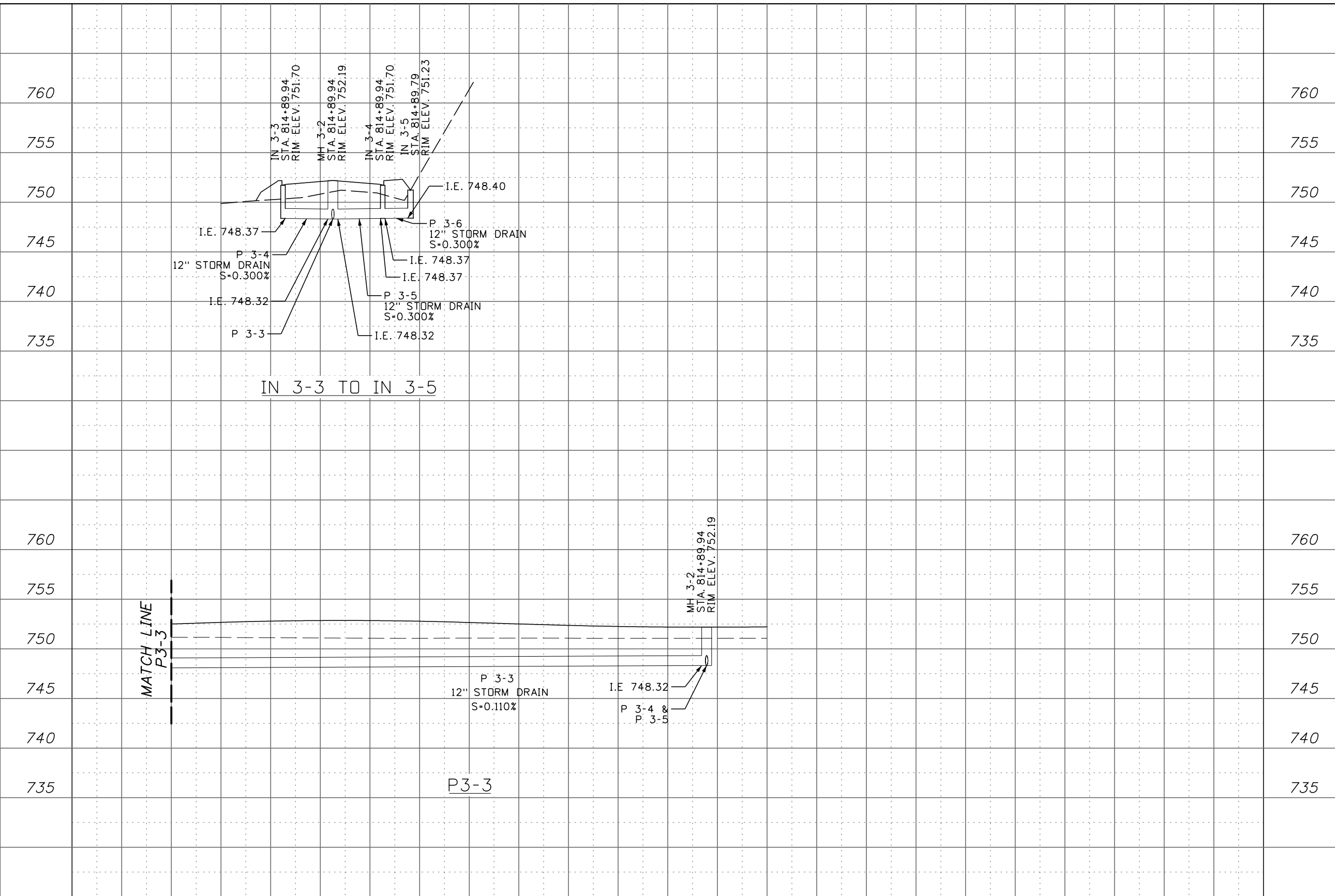
English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 56 OF 99

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

145547.PM

9/16/2016

H:\2014\BE-365-44\Snake River Ave Southway BR to 11th Ave\pr_j13443\Project_Development\Plan_Sheets\Hydraulics\13443_hypr_003.sht



- NOTES:**
1. ALL EXISTING STORM DRAIN FACILITIES SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.
 2. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL CALL "DIGLINE, INC." AT 811 AT LEAST TWO BUSINESS DAYS PRIOR TO CONSTRUCTION.
 3. ALL CORING AND GROUTING NECESSARY FOR CONNECTING STORM SEWER PIPES TO EXISTING STORM STRUCTURES OR PIPES SHALL BE INCIDENTAL TO THE STORM SEWER PIPE.

- NOTES:**
- EXISTING GROUND
 - FINISHED GRADE
 - - - - - 100 YR HG

VERTICAL SCALE: 1" = 10'

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED
K. A. DAVIDSON
 DESIGN CHECKED
D. BARKER
 DETAILED
R. WALN
 DRAWING CHECKED
K. HOOPES

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY
 CADD FILE NAME
13443_hypr_003.sht
 DRAWING DATE:
9/16/2016



HORROCKS ENGINEERS

PROJECT NO.
A013(443)

DRAINAGE PROFILE SHEET
 SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 57 OF 99

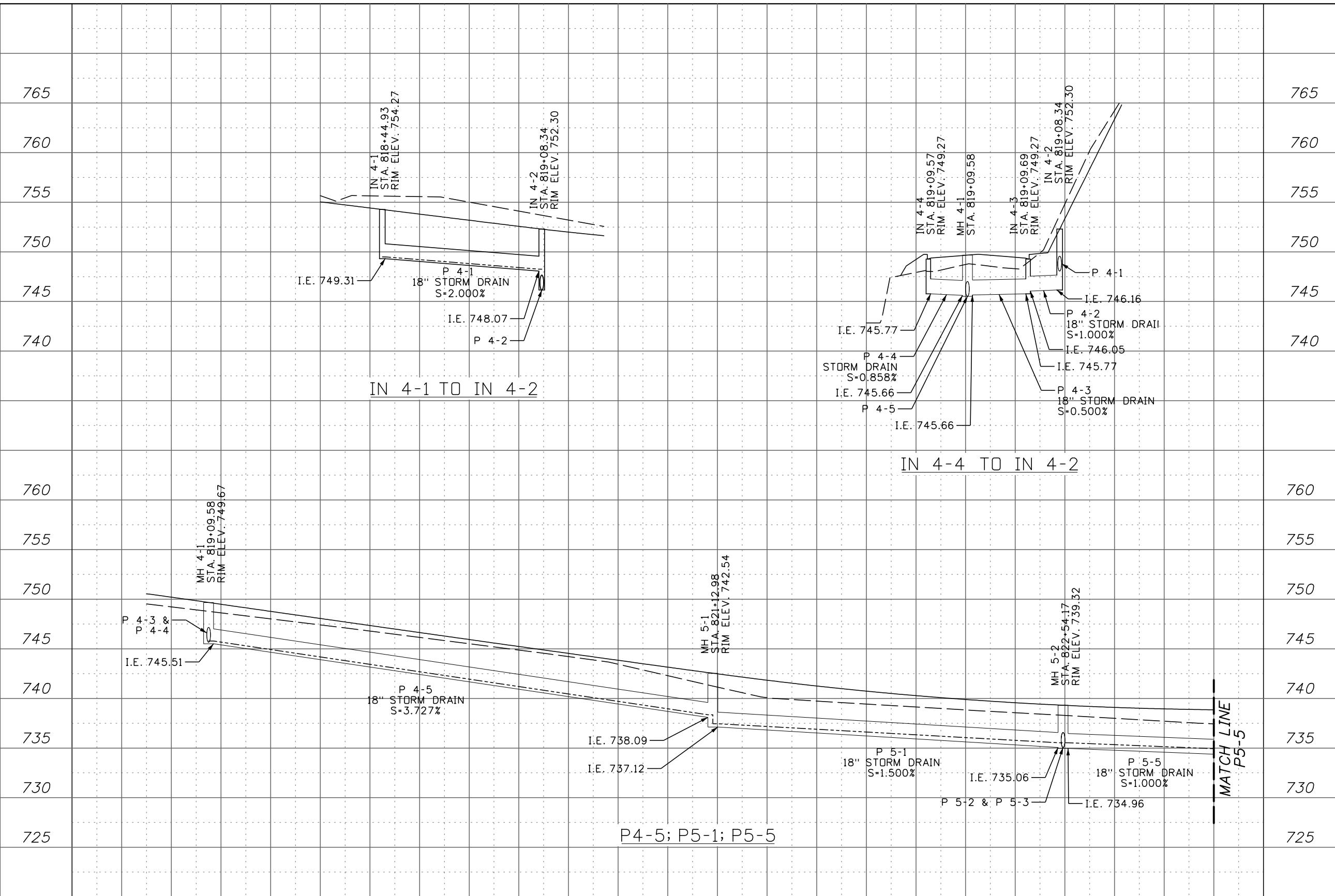
ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

145547.PM

9/16/2016

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED K. A. DAVIDSON	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 13443_hypr_004.sht DRAWING DATE: 9/16/2016
DESIGN CHECKED D. BARKER	
DETAILED R. WALN	
DRAWING CHECKED K. HOOPES	

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO. A013(443)

DRAINAGE PROFILE SHEET SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE
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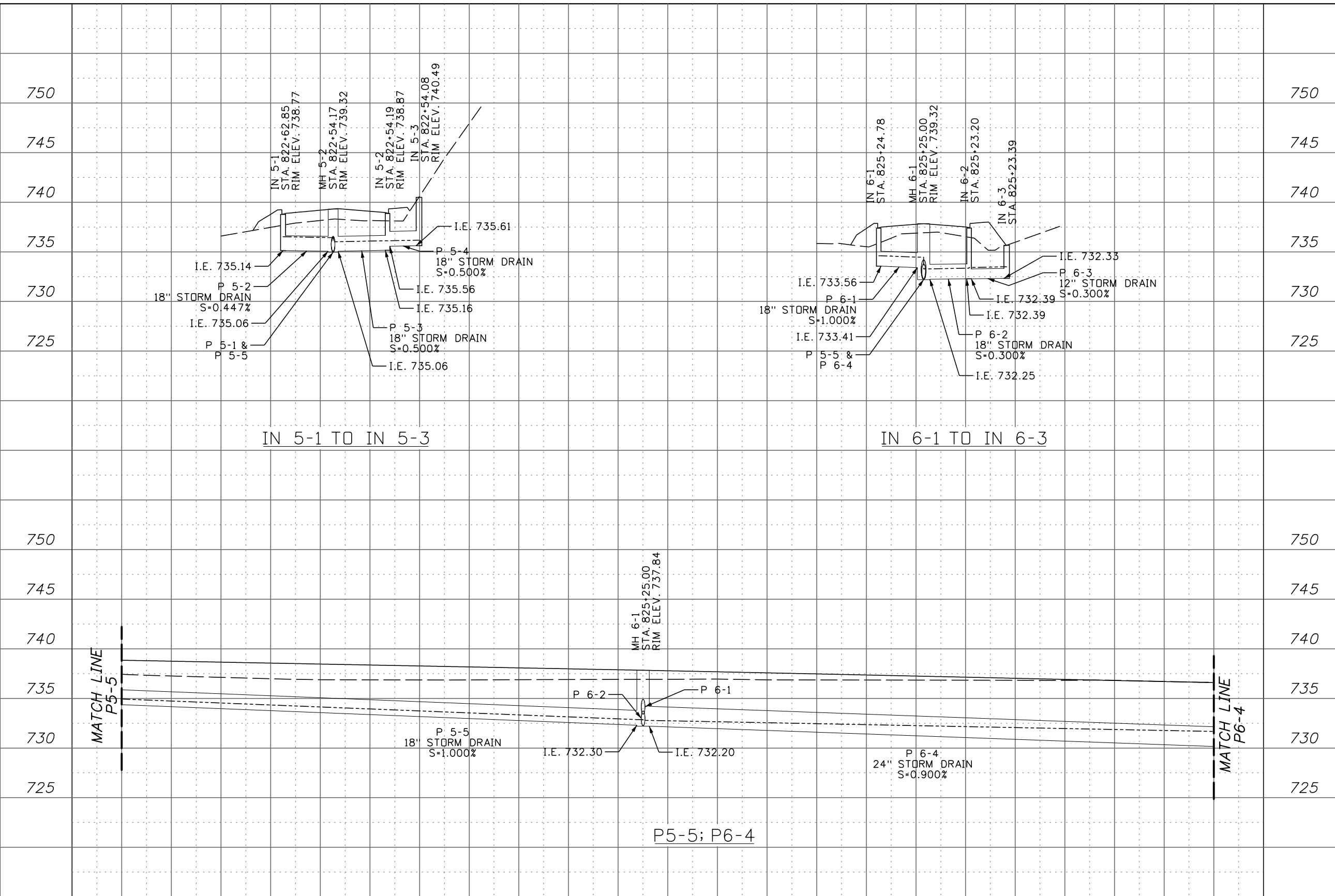
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COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 58 OF 99

NOT APPROVED
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 FOR CONSTRUCTION

1455:48 PM

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DRAWING CHECKED K. HOOPES	

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO. A013(443)

DRAINAGE PROFILE SHEET SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE
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English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 59 OF 99

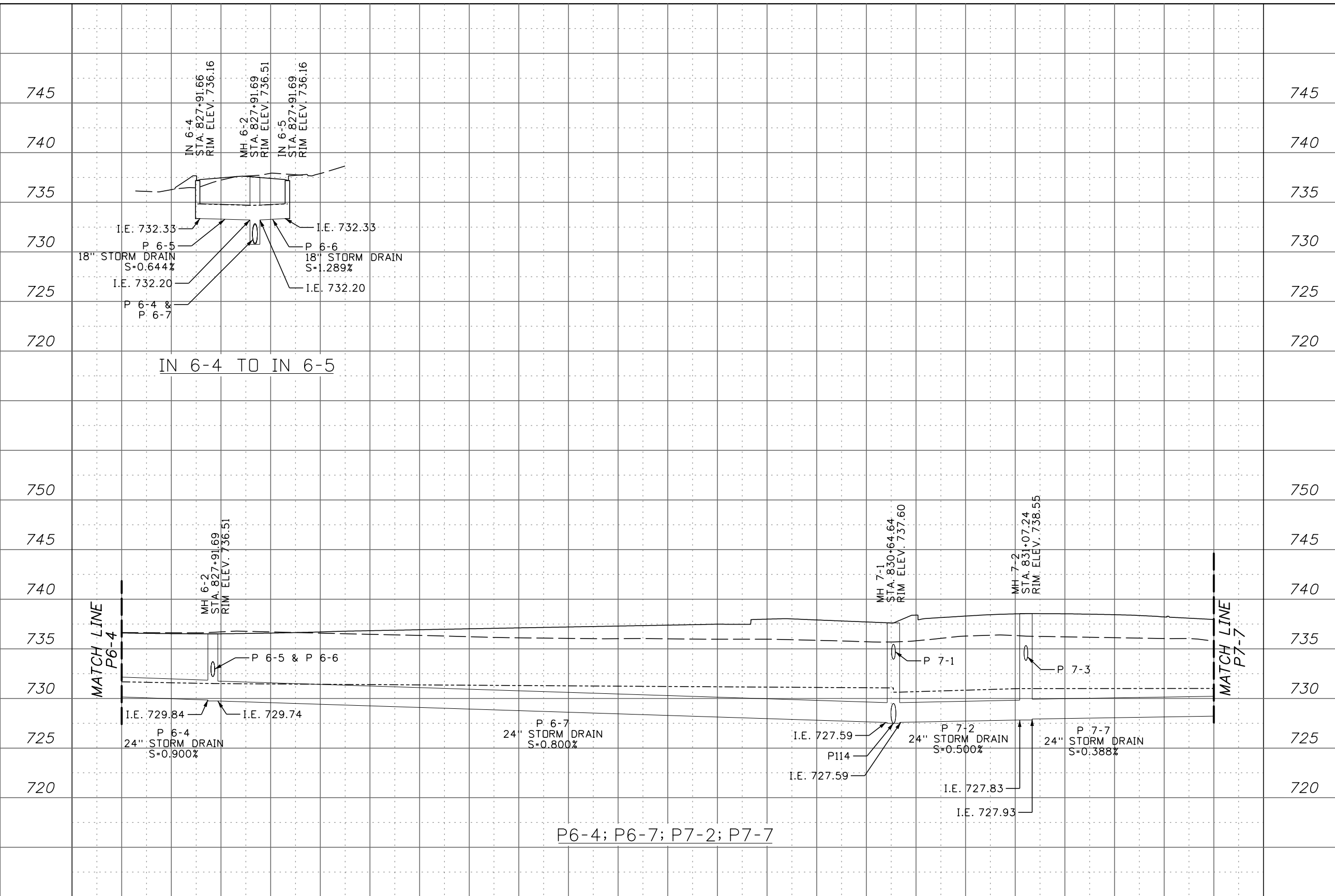
ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

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DESIGN CHECKED D. BARKER	
DETAILED R. WALN	
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IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO. A013(443)

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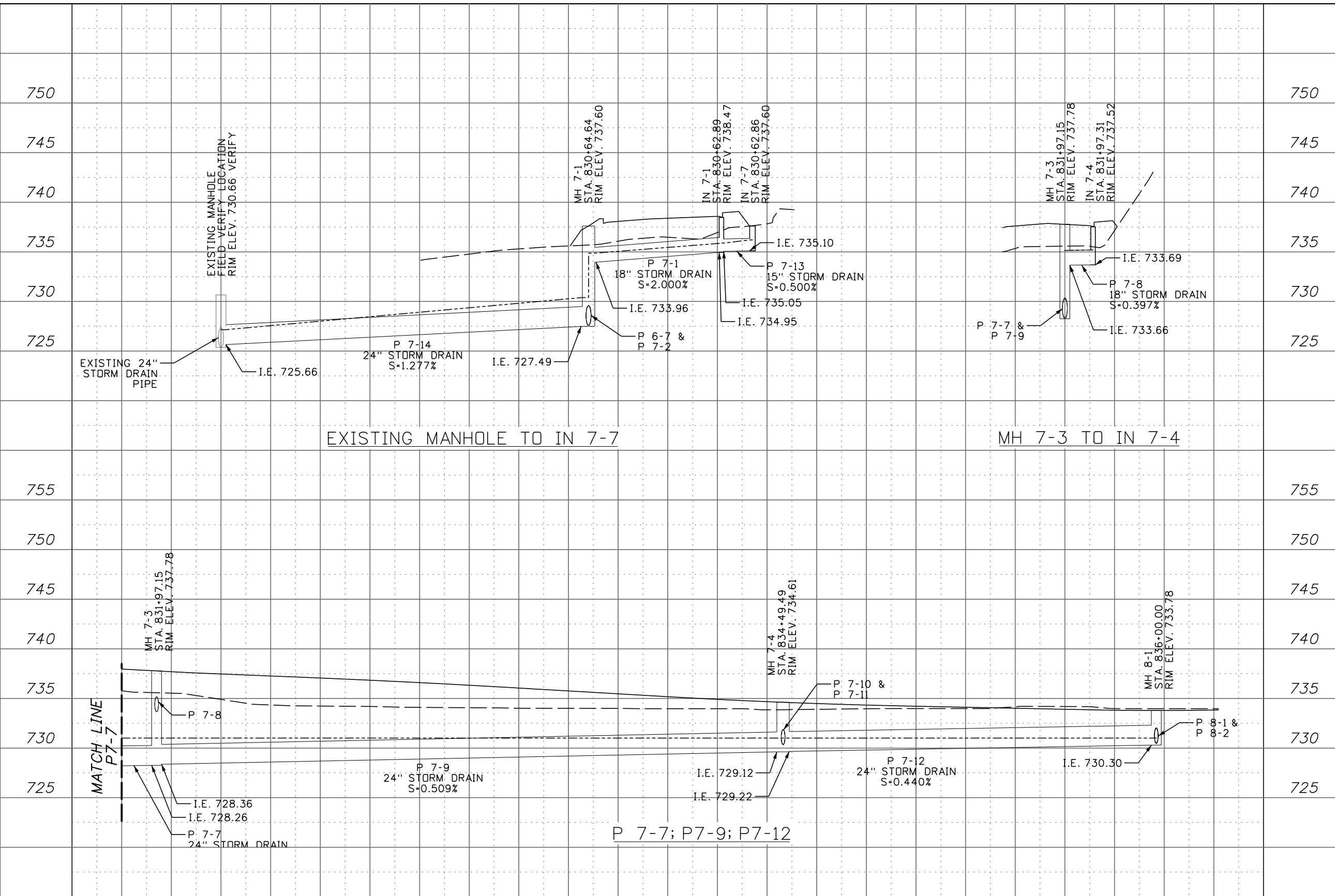
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COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 60 OF 99

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PROJECT NO.
A013(443)

DRAINAGE PROFILE SHEET
SNAKE RIVER AVE
SOUTHWAY BR TO 11TH AVE

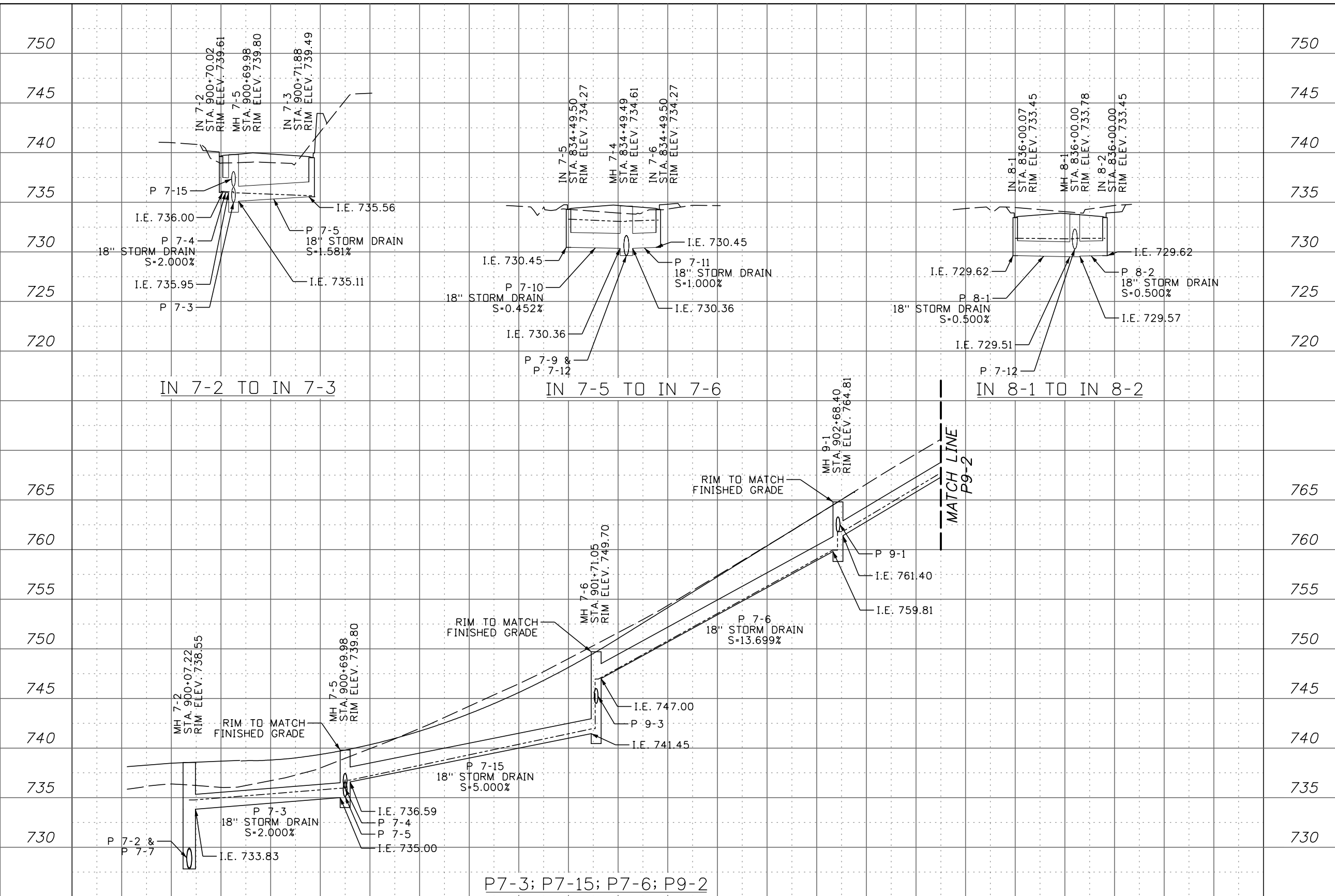
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COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 61 OF 99

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9/16/2016

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DETAILED R. WALN	
DRAWING CHECKED K. HOOPES	

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO.
A013(443)

DRAINAGE PROFILE SHEET
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 SOUTHWAY BR TO 11TH AVE

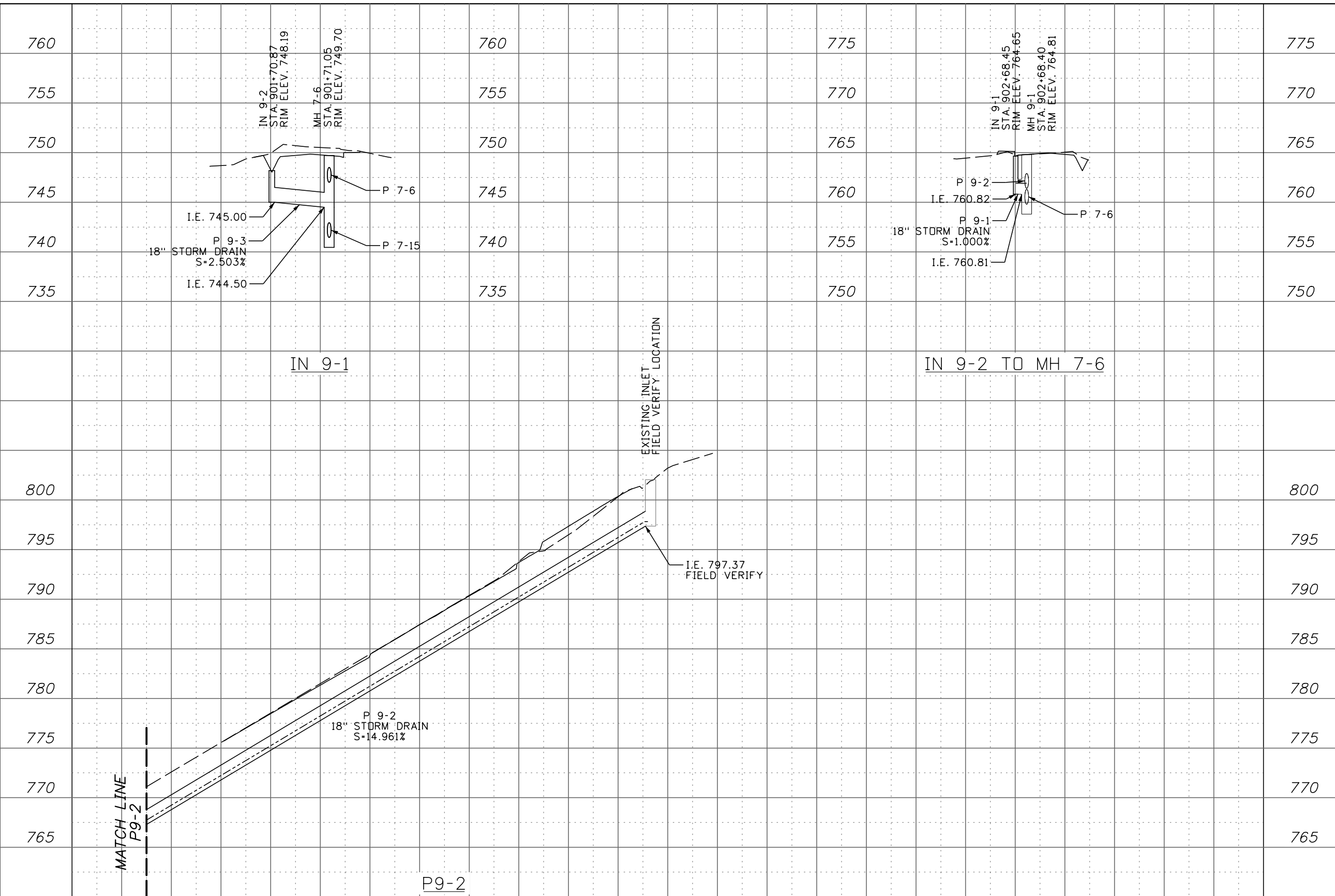
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 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 62 OF 99

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PROJECT NO.
A013(443)

DRAINAGE PROFILE SHEET
SNAKE RIVER AVE
SOUTHWAY BR TO 11TH AVE

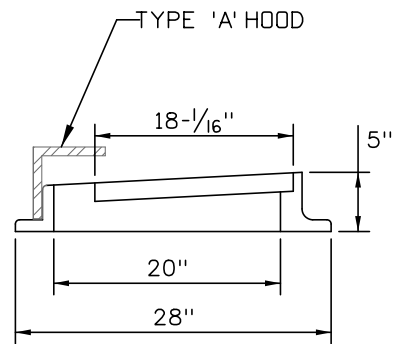
English
COUNTY
NEZ PERCE
KEY NUMBER
13443
SHEET 63 OF 99

ORIGINAL STORED
AT: ITD, District 2
2600 North &
South Highway,
Lewiston, ID

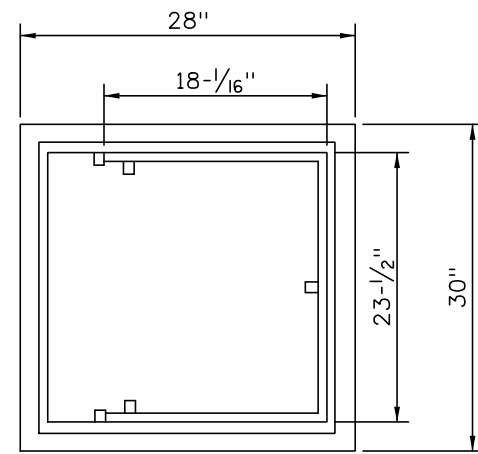
NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

STORM DRAIN INLET/STORM DRAIN CATCH BASIN
FRAME & GRATE

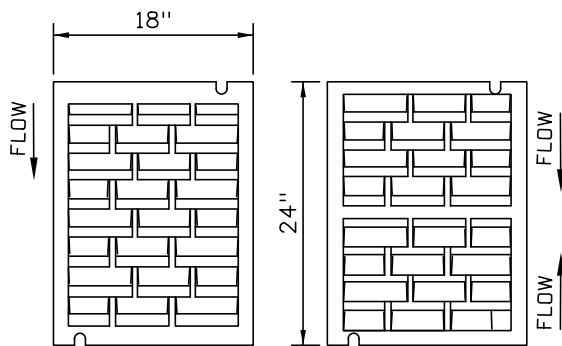
(ITEM S901-05A)



FRAME

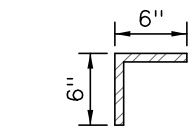
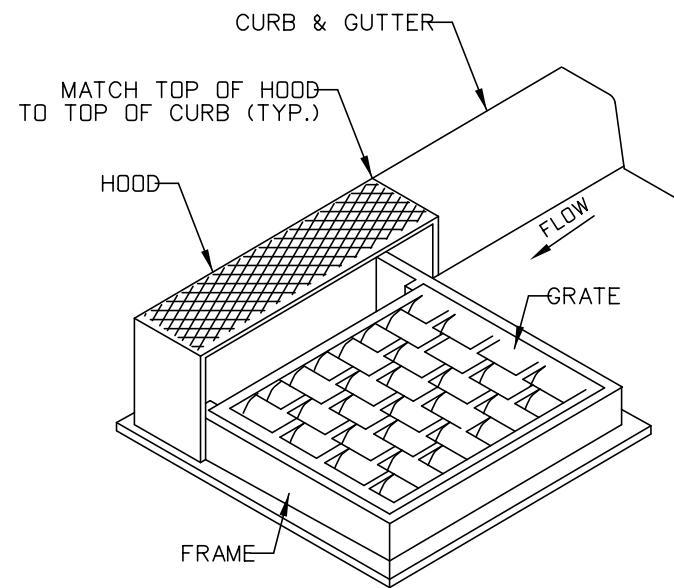


TOP VIEW - FRAME



ONE-WAY FLOW

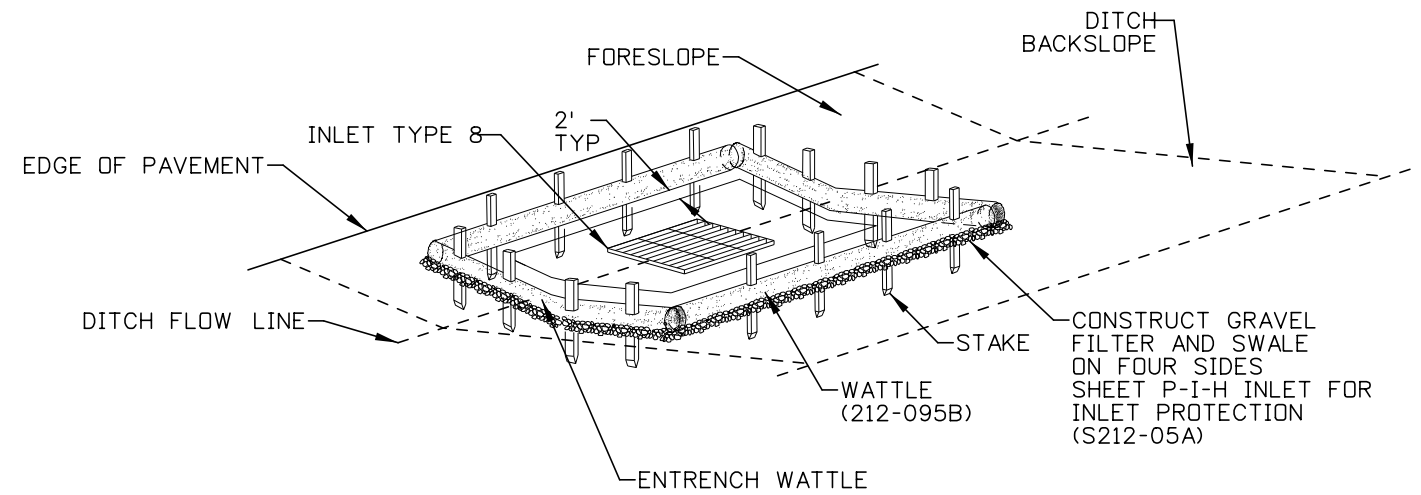
TWO-WAY FLOW



TYPE 'A' HOOD

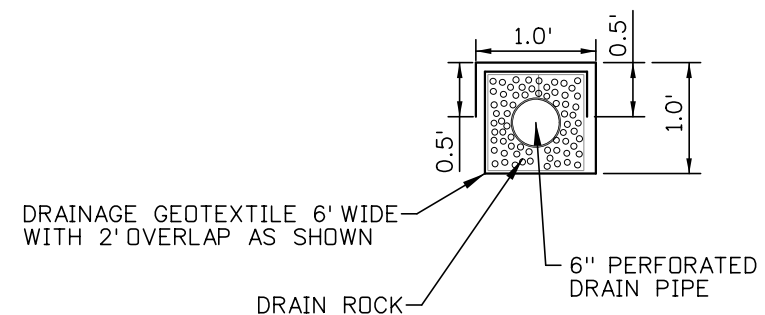
INLET PROTECTION TYPE 8 INLET

(ITEM S212-05A)
(ITEM 212-011A)



6" PIPE UNDERDRAIN DETAIL

(ITEM 606-010A) 1



NOTES:

1 PAY ITEM FOR 6" PIPE UNDERDRAIN (606-010A) INCLUDES 1 FT OF PIPE, 0.80 CU FT OF DRAINAGE ROCK AND 6 SQ FT OF DRAINAGE GEOTEXTILE.

H:\2014\BE-365-44\Snake River Ave Southway BR to 11th Ave\pr_j13443\Project_Development\Plan_Sheets\Hydraulics\13443_hydetl_001.sht

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. DAVIDSON	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	C. MELANDER	
DETAILED	C. DAVIDSON	CADD FILE NAME 13443_hydetl_001.sht
DRAWING CHECKED	C. MELANDER	DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO.	A013(443)
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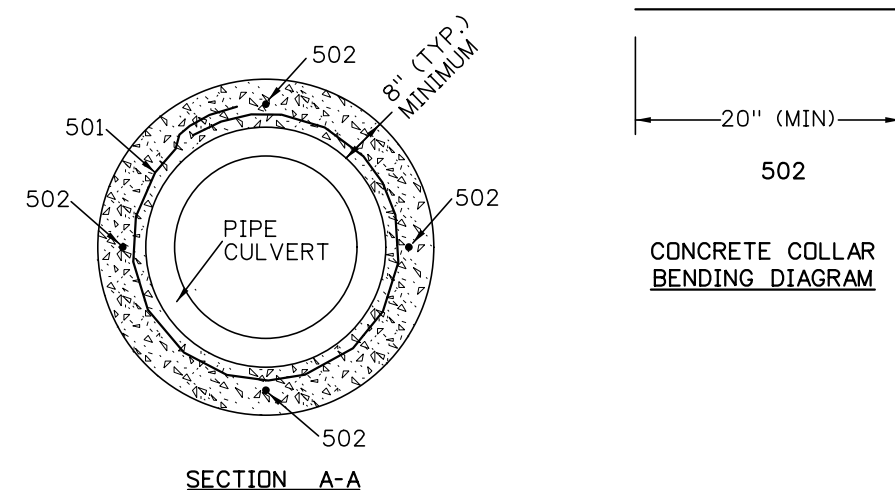
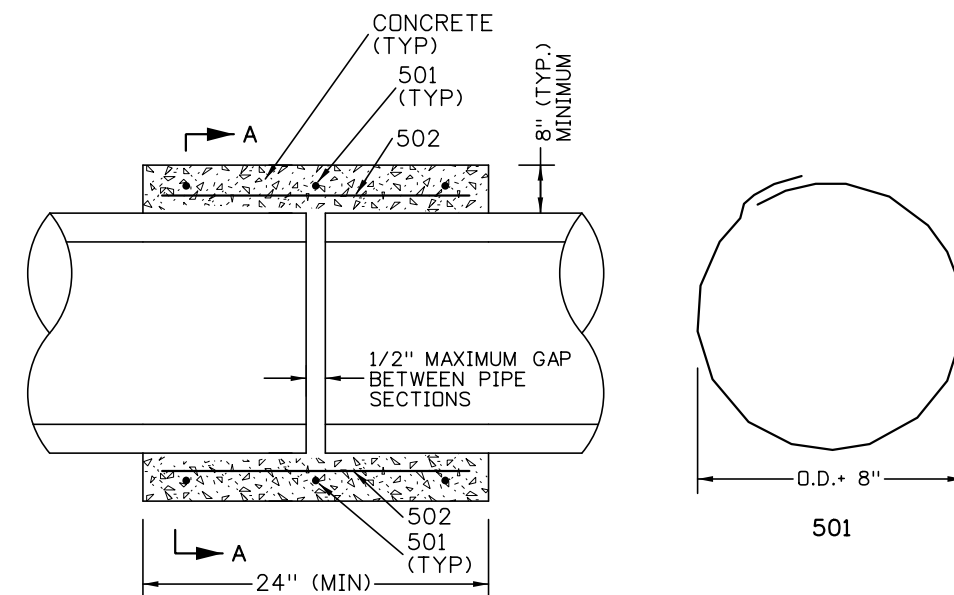
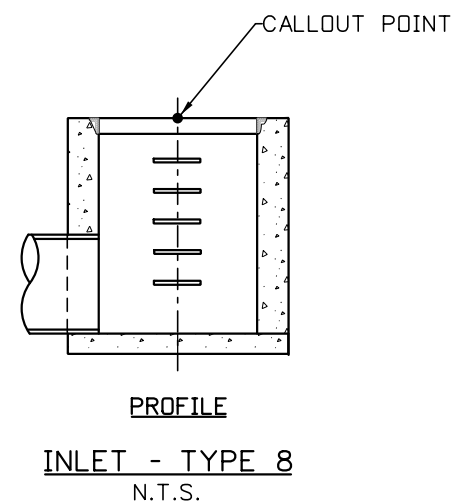
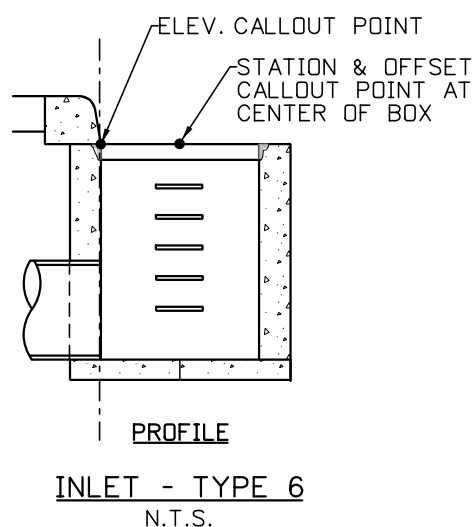
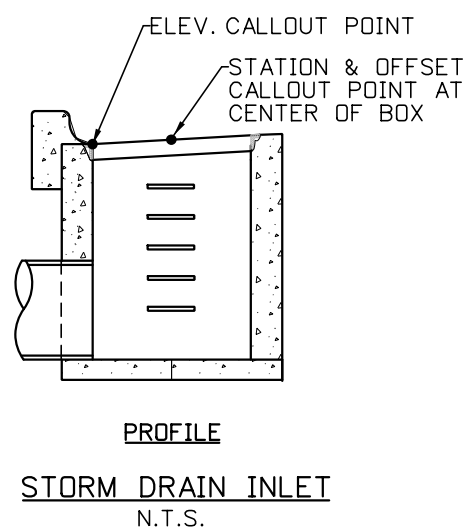
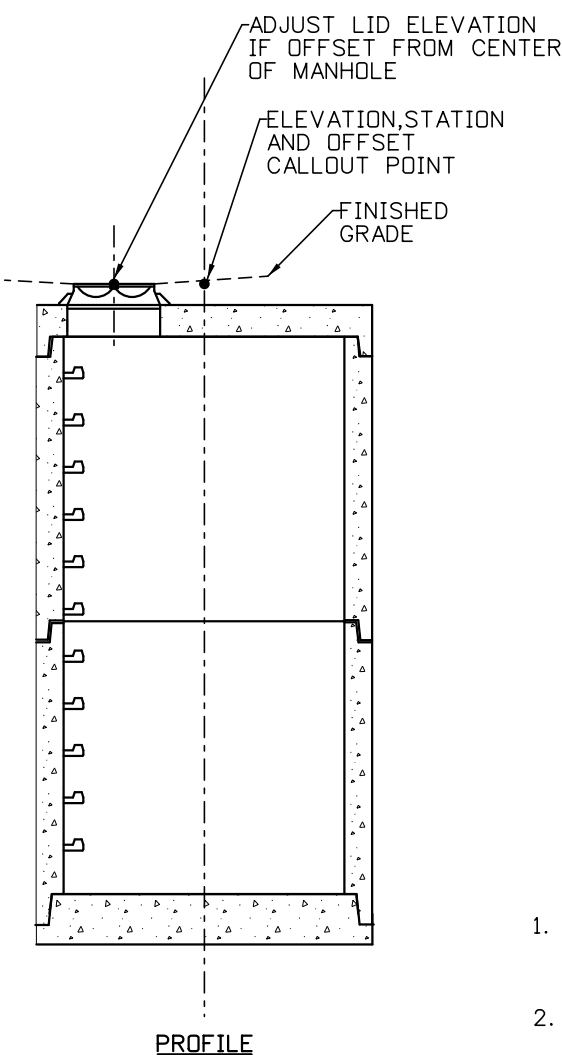
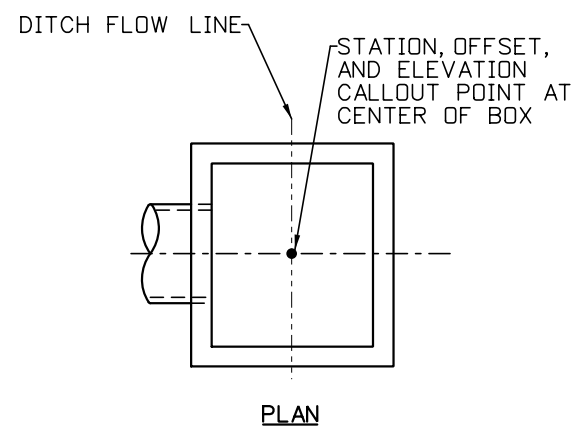
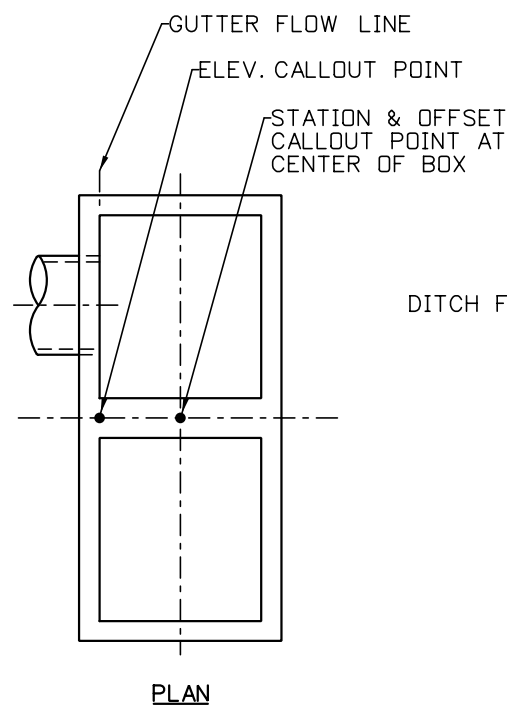
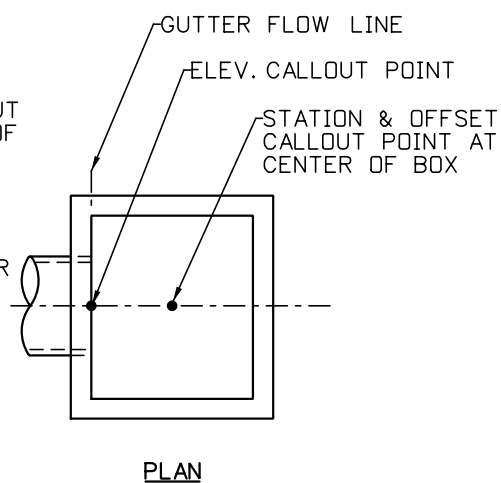
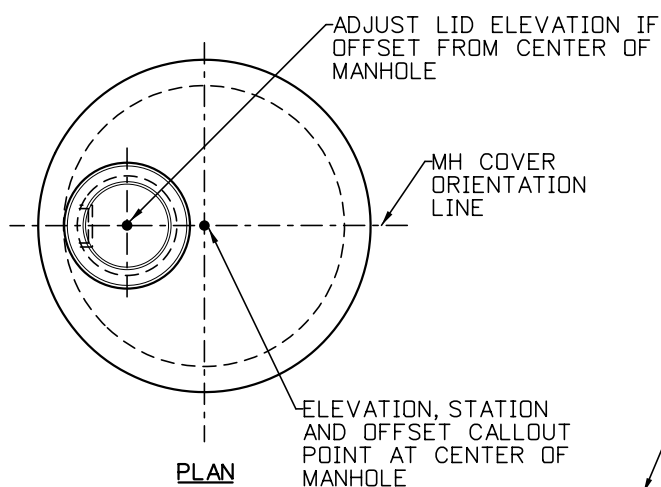
DRAINAGE DETAIL SHEET	SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE LEWISTON, ID
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English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 64 OF 99

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

NOT APPROVED
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H:\2014\BE-365-44\Snake River Ave Southway BR to 11th Ave\prj\3443\Project_Development\Plan_Sheets\Hydraulics\3443_hydetl_002.dgn



CONCRETE COLLAR NOTES:

1. ALL MATERIALS AND LABOR REQUIRED TO INSTALL CONCRETE COLLAR PIPE CONNECTION SHALL BE CONSIDERED INCIDENTAL TO STORM SEWER PIPE INSTALLATION AND WILL BE PAID FOR UNDER STORM SEWER PIPE BID ITEM.
2. CONCRETE SHALL MEET REQUIREMENTS OF SECTION 502.
3. REINFORCING BARS SHALL BE #5.
4. ALL REINFORCING BARS SHALL BE GRADE 40. REINFORCING BARS SHALL HAVE A MINIMUM CLEARANCE OF 3 IN.
5. ALL EDGE DISTANCES ARE TO THE CENTERLINE OF THE BAR.
6. CONCRETE SHALL BE CLASS 40 CONCRETE.

NOTES:

1. FOR MANHOLES: THE STATION AND OFFSET CALLOUT POINT DEFINES THE HORIZONTAL LOCATION OF THE CENTER OF THE MANHOLE. THE ELEVATION CALLOUT POINT DEFINES THE VERTICAL LOCATION OF THE COVER.
2. FOR INLETS: THE STATION, OFFSET, AND ELEVATION CALLOUT POINT DEFINES THE HORIZONTAL AND VERTICAL LOCATION OF THE INLET.

ORIGINAL STORED AT: ITD, District 2
2600 North & South Highway,
Lewiston, ID

NOT APPROVED
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DETAILED	C. DAVIDSON	CADD FILE NAME 13443_hydetl_002.dgn
DRAWING CHECKED	C. MELANDER	DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO.	A013(443)
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DRAINAGE DETAIL SHEET	English
SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE LEWISTON, ID	

COUNTY	NEZ PERCE
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SHEET	65 OF 99

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SIGN ASSEMBLY NO.	STATION LT. OR RT.	RAMP NO.	FOUNDATION TYPE	POST TYPE	NO. OF POSTS	POST SPACING	APPROX. LENGTH OF 1st POST	APPROX. LENGTH OF 2nd POST	POST LENGTH ABOVE FINISH SHOULDER.	C	E	SIGN TYPE	SIGN DETAIL NUMBERS	SIGN SIZE W" x H"	APPROX. SQ. FT. OF SIGN	SIGN BACKGROUND COLOR	ARE BRACE ANGLES REQUIRED ON WOOD POST?	BRACKET NO.	REMARKS
1A	800+90.00 RT.	S.R. AVE.	E-2	E-2	1		13'		10'	9'	7'	B	W9-2AL	36"x36"	9.0	YELLOW			LANE ENDS MERGE LEFT
1	802+30.00 RT.	S.R. AVE.	E-1	E-1	1		12.5'		9.5'	9'	7'	B	R2-1	24"x30"	5.0	WHITE			SPEED LIMIT 35
2	803+64.00 RT.	S.R. AVE.	E-2	E-2	1		13.0'		10.0'	9'	7'	B	I-6001	36"x36"	9.0	WHITE			
3	805+34.00 LT.	S.R. AVE.	A	B-2	1		11.0'		10.0'	7'	7'	B	W2-6 (MUTCD)	36"x36"	9.0	YELLOW			
												B	W13-1A	24"x24"	4.0	YELLOW			
4	807+54.00 LT.	S.R. AVE.	A	B-2	1		11.5'		10.5'	9'	7'	B	SG-1	60"x42"	17.5	GREEN			ROUNDBOUT GUIDANCE
5	809+79.00 LT.	S.R. AVE.	E-2	E-2	1		13.0'		10.0'	7'	7'	B	SR-1	24"x24"	4.0	WHITE			THRU TRUCK ROUTE
												B	M6-3	21"x15"	2.2	WHITE			
6	809+79.00 LT.	S.R. AVE.	E-2	E-2	1		13.0'		10.0'	10'	7'	B	SR-2	24"x24"	4.0	WHITE			LOCAL TRUCK ROUTE
												B	M6-6L	21"x15"	2.2	WHITE			
7	810+85.00 LT.	S.R. AVE.	E-1	E-1	1		12.0'		9.0'	7'	7'	B	R7-1	12"x18"	1.5	WHITE			
8	811+65.00 LT.	S.R. AVE.	E-1	E-1	1		12.0'		9.0'	7'	7'	B	R7-1	12"x18"	1.5	WHITE			
9	813+00.00 LT.	S.R. AVE.	E-2	E-2	1		12.5'		9.5'	7'	7'	B	I-56A	48"x18"	6.0	GREEN			
10	826+31.00 LT.	S.R. AVE.	E-1	E-1	1		13.5'		10.5'	7'	7'	B	R2-1	24"x30"	5.0	WHITE			SPEED LIMIT 35
11	830+27.00 RT.	S.R. AVE.	E-2	E-2	1		12.5'		9.5'	9'	7'	B	R3-7R	30"x30"	6.3	WHITE			
12	831+55.00 RT.	S.R. AVE.	E-2	E-2	1		14.5'		11.5'	9'	7'	B	R1-1	30"x30"	6.3	RED			
													D-3 (2 EA.)	48"x 12"	8.0	GREEN			SNAKE RIVER AVE.
													D-3 (2 EA.)	24"x 12"	4.0	GREEN			11TH AVE.
13	832+35.00 LT.	S.R. AVE.	E-2	E-2	1		13.0'		10.0'	7'	7'	B	SR-1	24"x24"	4.0	WHITE			THRU TRUCK ROUTE
													M6-3	21"x 15"	2.2	WHITE			
14	834+50.00 LT.	S.R. AVE.	E-2	E-2	1		12.5'		9.5'	7'	7'	B	I-56A	48"x18"	6.0	GREEN			
15	905+07.00 RT.	11TH AVE.	E-2	E-2	1		14.5'		11.5'	7'	7'	B	R1-1	30"x30"	6.3	RED			
													R1-4A	24"x 9"	1.5	RED			
													D-3 (2 EA.)	42"x 12"	7.0	GREEN			PROSPECT AVE.
													D-3 (2 EA.)	24"x 12"	4.0	GREEN			11TH AVE.

COLUMN C, DISTANCE FROM SHOULDER TO CENTER LINE OF FIRST POST
 COLUMN E, BOTTOM OF MAJOR SIGN ABOVE FINISHED SHOULDER

POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION

ORIGINAL STORED AT: ITD, District 2
 2600 North & South Highway,
 Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED B. STURM	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 13443_signerc_01.shd DRAWING DATE: 9/16/2016
DESIGN CHECKED D. JONES	
DETAILED B. STURM	
DRAWING CHECKED D. JONES	

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO. A013(443)

SIGNING ERECTION SPECIFICATIONS SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE

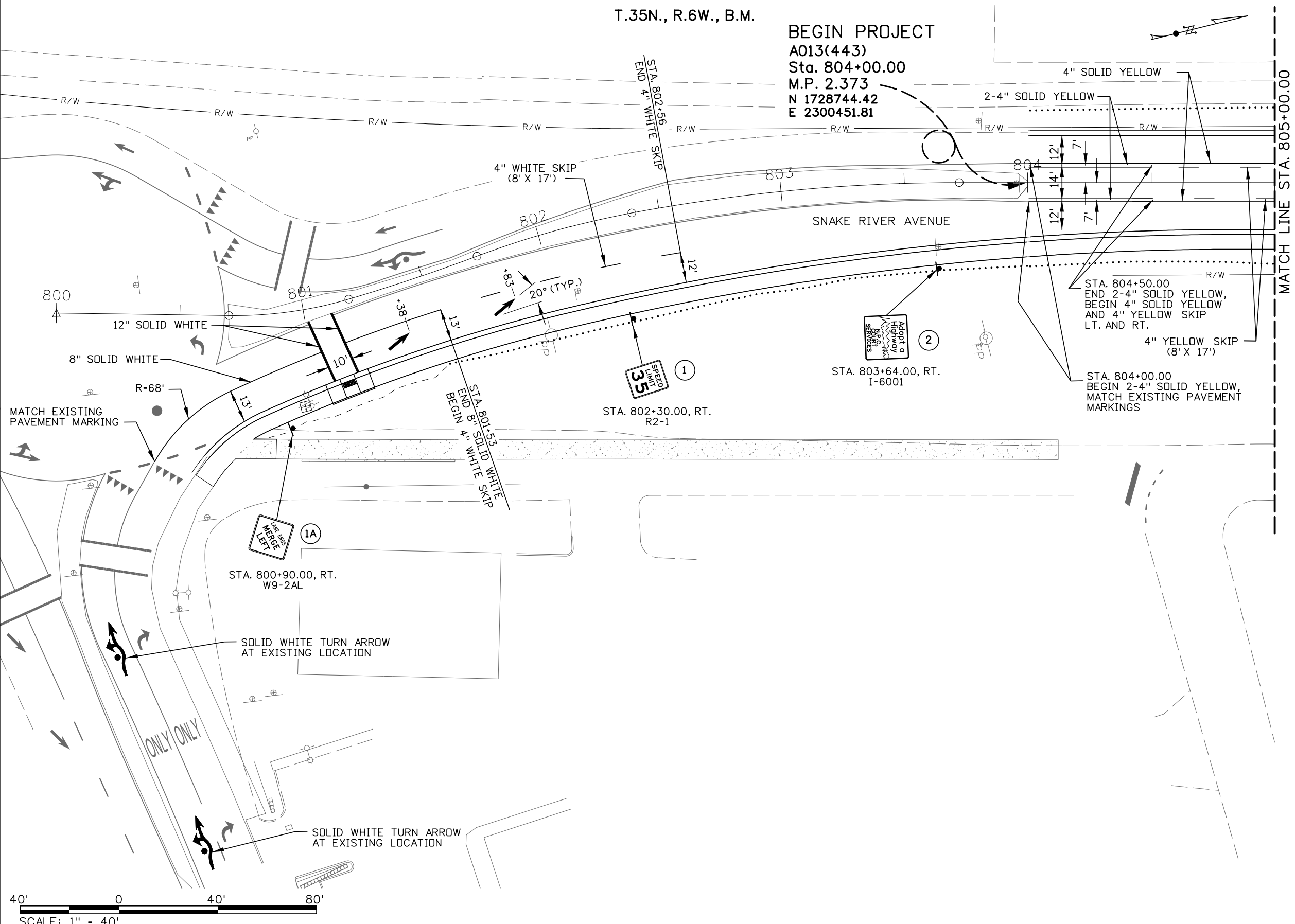
English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 66 OF 99

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

H:\2014\BE-365-44\SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE\PROJECT DEVELOPMENT\Plan_Sheets\Signing_Strip\13443_pvmk_001.sht 9/16/2016 1:55:53 PM

T.35N., R.6W., B.M.

BEGIN PROJECT
 A013(443)
 Sta. 804+00.00
 M.P. 2.373
 N 1728744.42
 E 2300451.81



ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	B. STURM	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. CARTER	
DETAILED	B. STURM	CADD FILE NAME 13443_pvmk_001.sht
DRAWING CHECKED	H. CARTER	DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO.	A013(443)
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SIGNING AND PAV MARKING PLAN	English
SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE STA. 800+00.00 TO STA. 805+00.00	

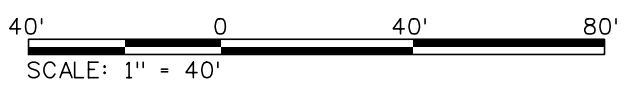
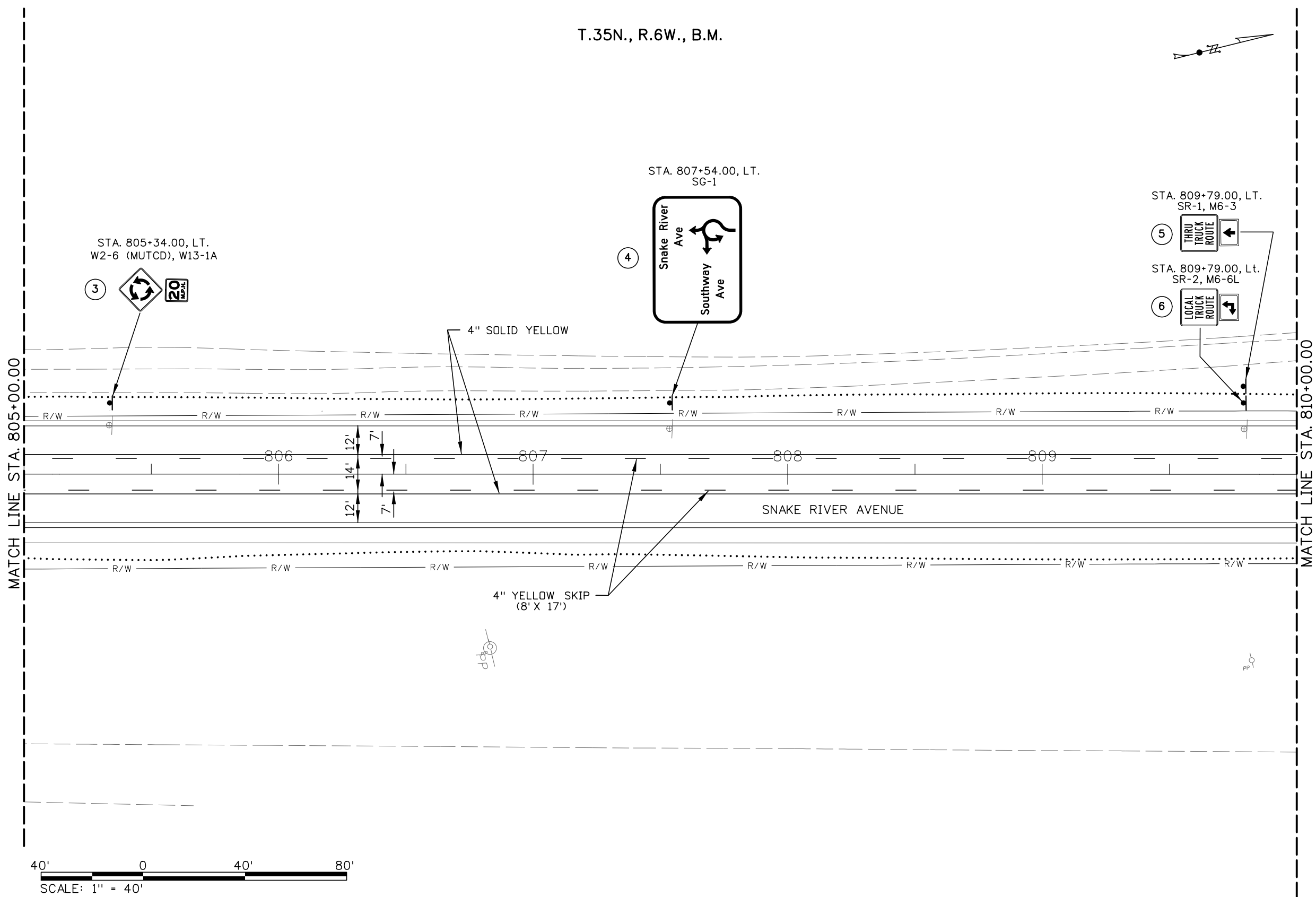
COUNTY	NEZ PERCE
KEY NUMBER	13443
SHEET 67 OF 99	

NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

145544 PM

H:\2014\BE-365-44\Snake River Ave Southway BR to 11th Ave\p\13443\Project_Development\Plan_Sheets\Signing_Strip\p\13443_pvmk_002.sht 9/16/2016

T.35N., R.6W., B.M.



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	B. STURM
DESIGN CHECKED	H. CARTER
DETAILED	B. STURM
DRAWING CHECKED	H. CARTER

SCALES SHOWN	ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME	13443_pvmk_002.sht
DRAWING DATE:	9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO.	A013(443)
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SIGNING AND PAV MARKING PLAN	English
SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE STA. 805+00.00 TO STA. 810+00.00	

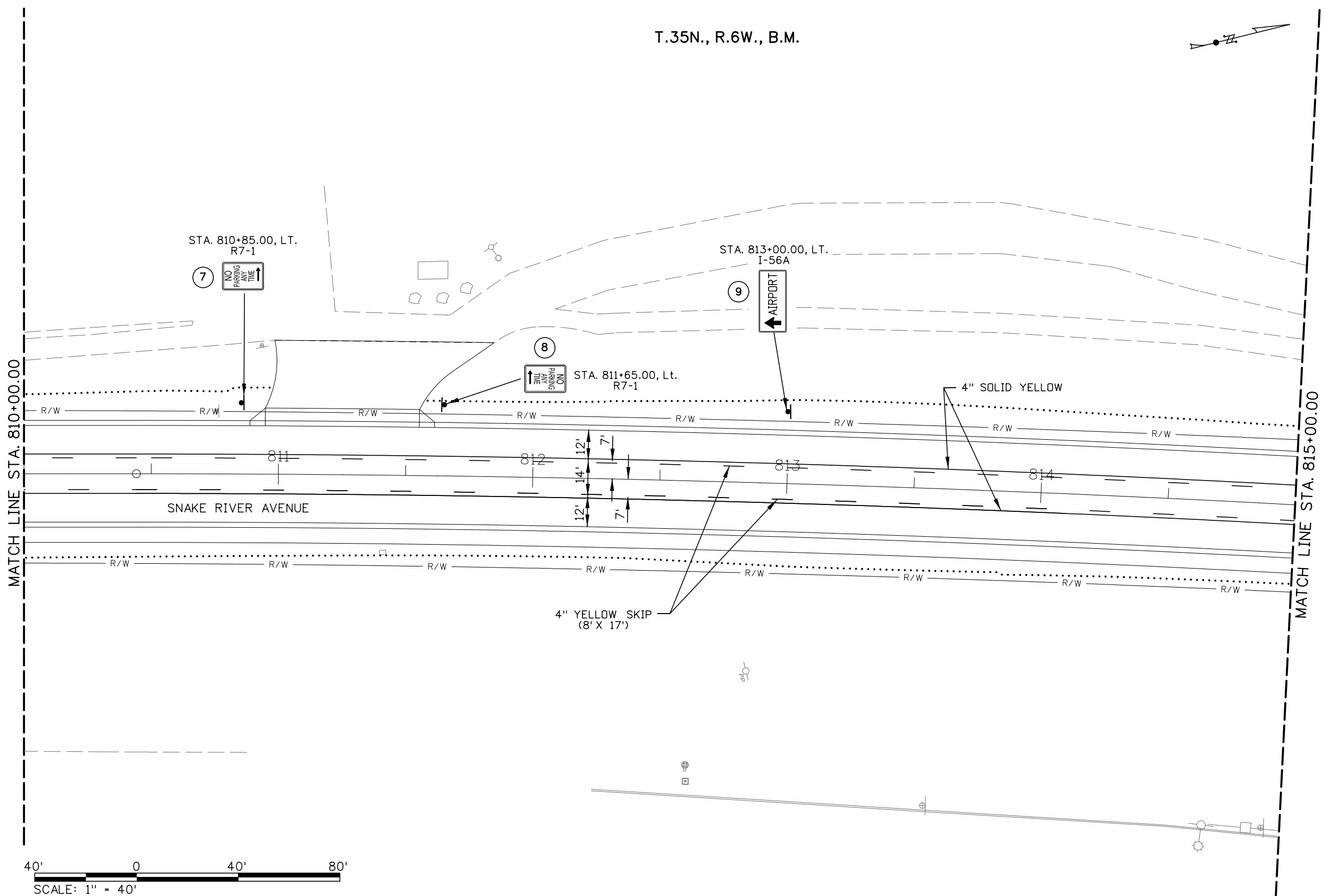
COUNTY	NEZ PERCE
KEY NUMBER	13443
SHEET	68 OF 99

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

H:\2014\BE-365-44\Snake River Ave Southway BR to 11th Ave\p\13443\Project_Development\Plan_Sheets\Signing_Strip\p\13443_pvmk_003.sht 9/16/2016 1:55:54 PM

T.35N., R.6W., B.M.



ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED B. STURM
 DESIGN CHECKED H. CARTER
 DETAILED B. STURM
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_pvmk_003.sh
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO. A013(443)

SIGNING AND PAV MARKING PLAN
 SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE
 STA. 810+00.00 TO STA. 815+00.00

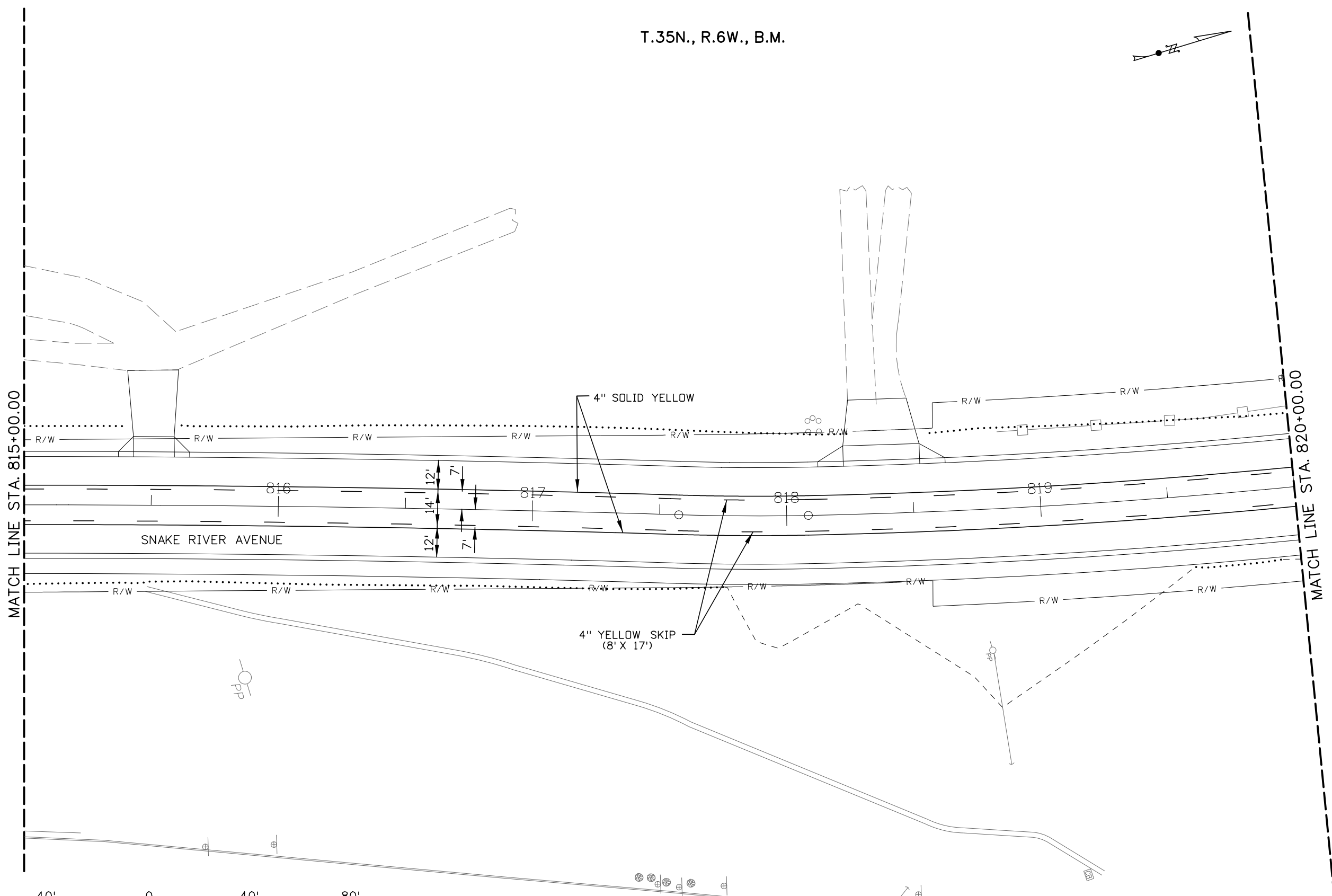
English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 69 OF 99

NOT APPROVED FOR PRELIMINARY CONSTRUCTION

1455:55 PM

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T.35N., R.6W., B.M.



ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED B. STURM
 DESIGN CHECKED H. CARTER
 DETAILED B. STURM
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_pvmk_004.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO.
 A013(443)

SIGNING AND PAV MARKING PLAN
 SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE
 STA. 815+00.00 TO STA. 820+00.00

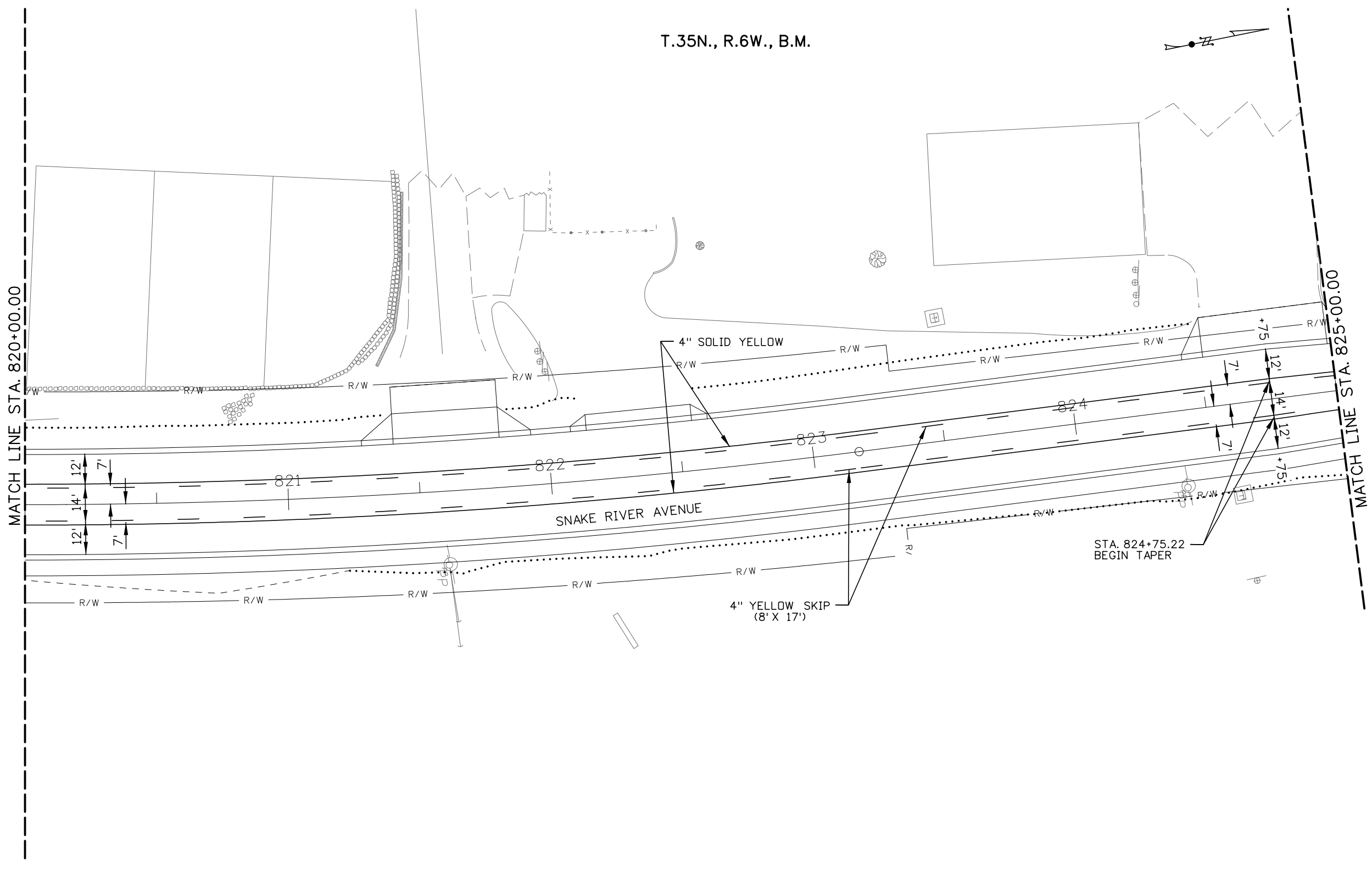
English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 70 OF 99

NOT APPROVED FOR PRELIMINARY CONSTRUCTION

I455456 PM

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T.35N., R.6W., B.M.



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	B. STURM
DESIGN CHECKED	H. CARTER
DETAILED	B. STURM
DRAWING CHECKED	H. CARTER

SCALES SHOWN	ARE FOR 11" X 17"
	PRINTS ONLY
CADD FILE NAME	13443_pvmk_005.sht
DRAWING DATE:	9/16/2016

IDAHO
TRANSPORTATION
DEPARTMENT



HORROCKS
ENGINEERS

PROJECT NO.	A013(443)
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SIGNING AND PAV MARKING PLAN	English
SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE STA. 820+00.00 TO STA. 825+00.00	

COUNTY	NEZ PERCE
KEY NUMBER	13443
SHEET	71 OF 99

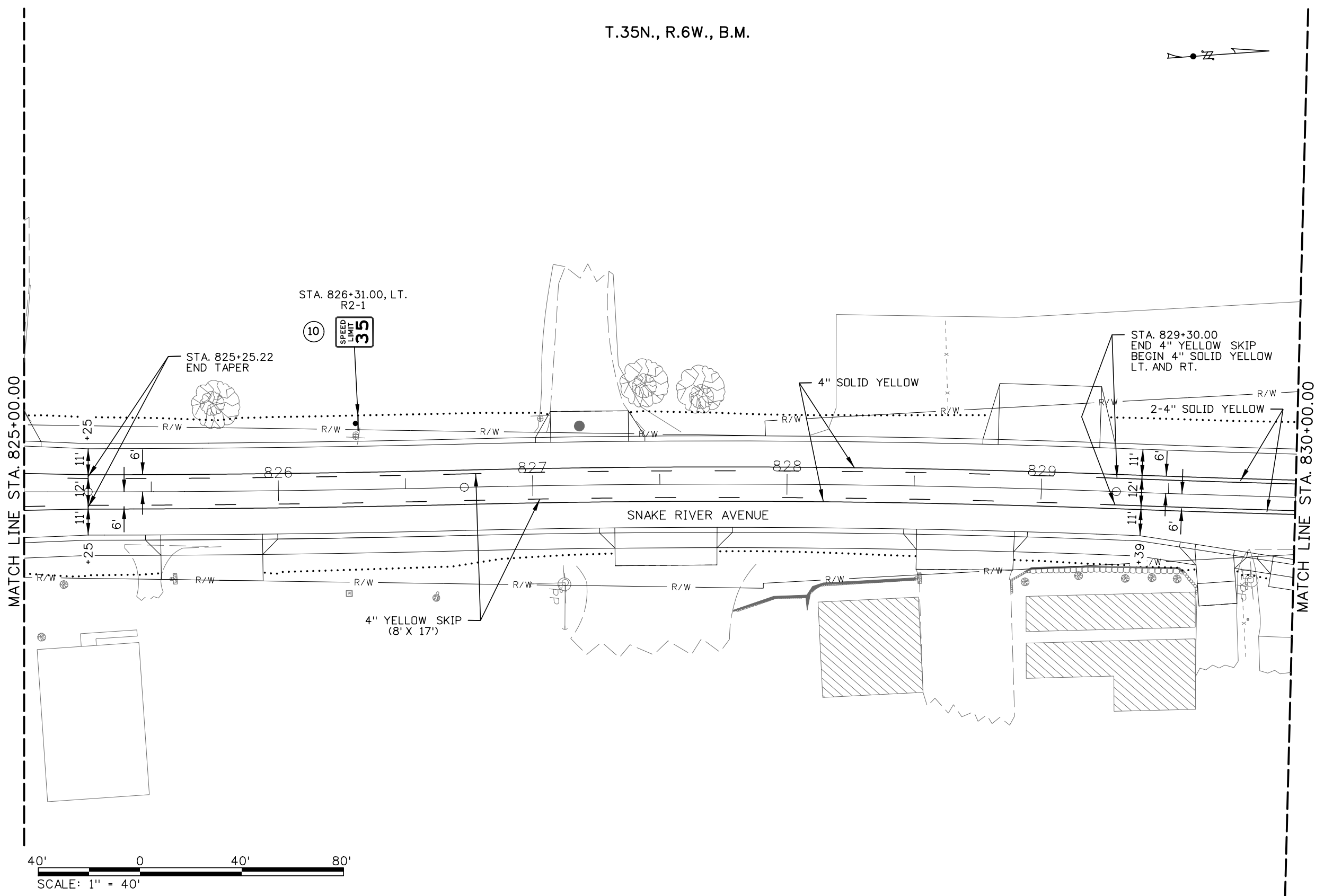
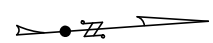
ORIGINAL STORED
AT: ITD, District 2
2600 North &
South Highway,
Lewiston, ID

NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

I455457.PM

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T.35N., R.6W., B.M.



ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED B. STURM
 DESIGN CHECKED H. CARTER
 DETAILED B. STURM
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_pvmk_006.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

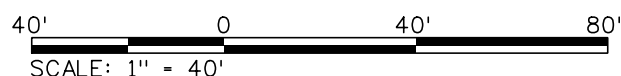
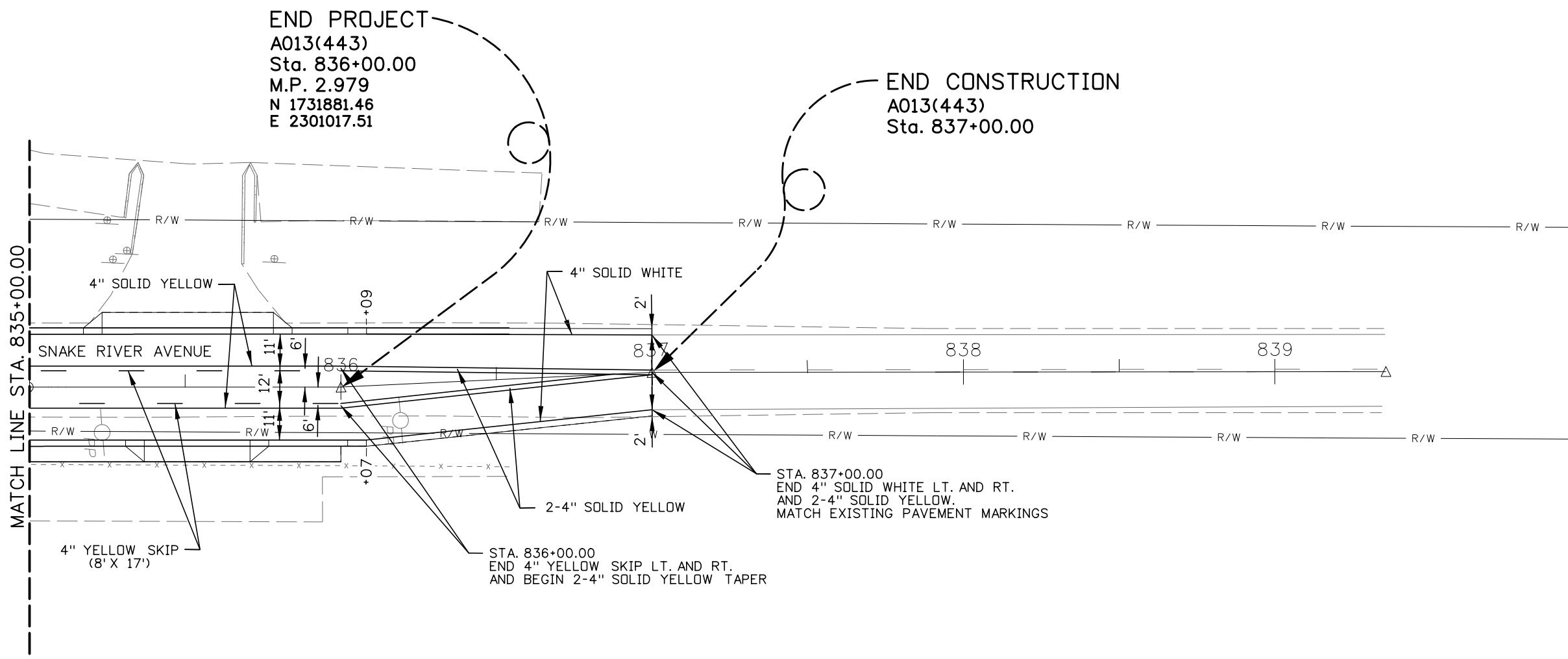
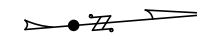
PROJECT NO. A013(443)

SIGNING AND PAV MARKING PLAN
 SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE
 STA. 825+00.00 TO STA. 830+00.00

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 72 OF 99

NOT APPROVED FOR PRELIMINARY CONSTRUCTION

T.35N., R.6W., B.M.



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	B. STURM	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. CARTER	
DETAILED	B. STURM	CADD FILE NAME 13443_pvmk_008.sht
DRAWING CHECKED	H. CARTER	DRAWING DATE: 9/16/2016

**IDAHO
TRANSPORTATION
DEPARTMENT**



**HORROCKS
ENGINEERS**

PROJECT NO.	A013(443)
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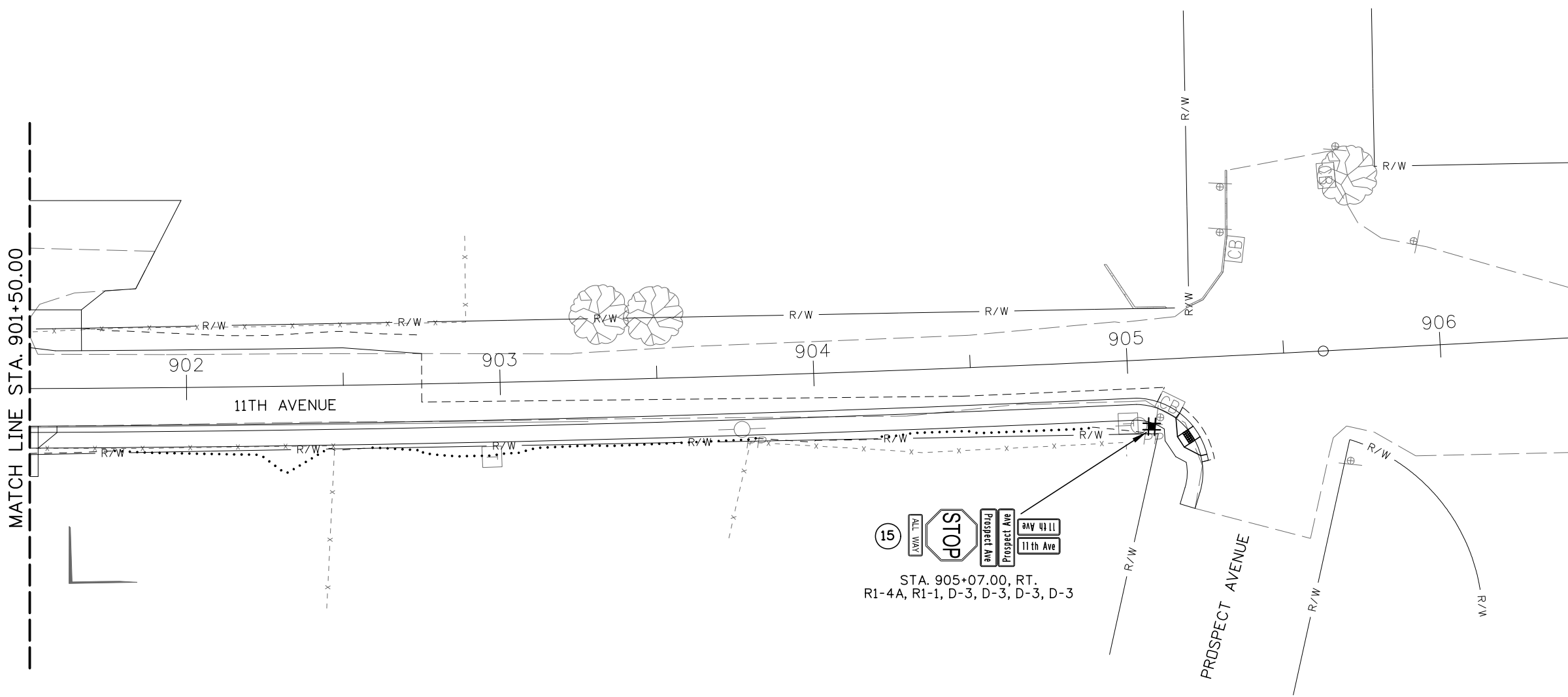
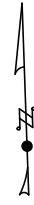
SIGNING AND PAV MARKING PLAN	English
SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE STA. 835+00.00 TO STA. 839+37.00	

COUNTY	NEZ PERCE
KEY NUMBER	13443
SHEET 74 OF 99	

ORIGINAL STORED
AT: ITD, District 2
2600 North &
South Highway,
Lewiston, ID

NOT
APPROVED
PRELIMINARY
FOR
CONSTRUCTION

T.35N., R.6W., B.M.



STA. 905+07.00, RT.
 R1-4A, R1-1, D-3, D-3, D-3, D-3

40' 0 40' 80'
 SCALE: 1" = 40'

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED B. STURM
 DESIGN CHECKED H. CARTER
 DETAILED B. STURM
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_pvmk_009.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

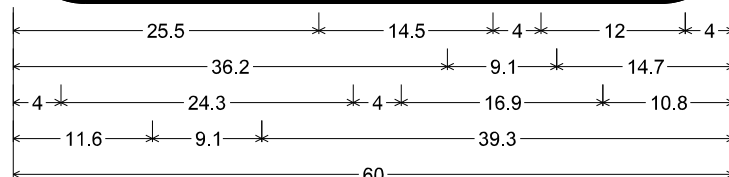
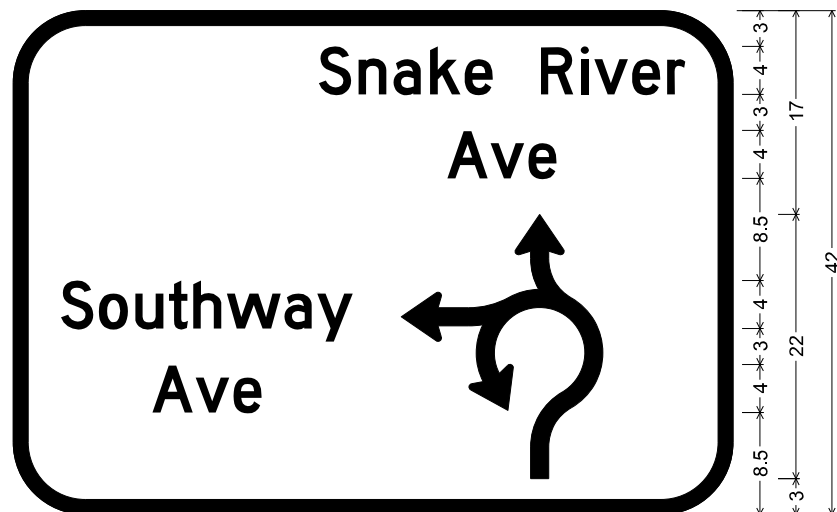
PROJECT NO.
 A013(443)

SIGNING AND PAV MARKING PLAN
 SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE
 STA. 901+75.00 TO STA. 906+00.00

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 75 OF 99

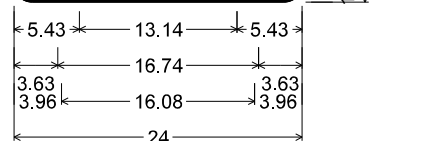
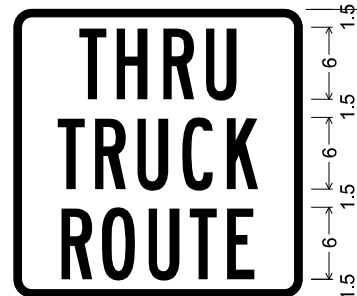
NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

SIGN ASSEMBLY NUMBER ④



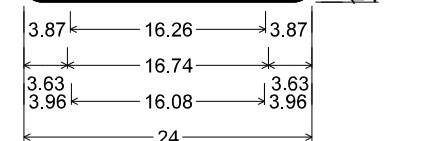
6.0" Radius, 1.3" Border, White on Green;
 [Snake River] D 2K; [Ave] D 2K; [Southway] D 2K; [Ave] D 2K;
 North Leg Roundabout Arrow;
 SIGN: SG-1

SIGN ASSEMBLY NUMBER ⑤ ⑬



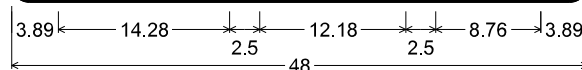
1.50" Radius, 0.63" Border, Black on White;
 [THRU] B 2K;
 [TRUCK] B 2K;
 [ROUTE] B 2K;
 SIGN: SR-1

SIGN ASSEMBLY NUMBER ⑥



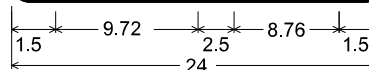
1.50" Radius, 0.63" Border, Black on White;
 [LOCAL] B 2K;
 [TRUCK] B 2K;
 [ROUTE] B 2K;
 SIGN: SR-2

SIGN ASSEMBLY NUMBER ⑫



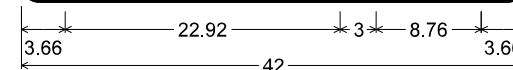
1.50" Radius, 0.75" Border, White on Green;
 [Snake] B 2K; [River] B 2K; [Ave] B 2K;
 SIGN: D-3

SIGN ASSEMBLY NUMBER ⑬ ⑮



1.50" Radius, 0.75" Border, White on Green;
 [11 th] B 2K; [Ave] B 2K;
 SIGN: D-3

SIGN ASSEMBLY NUMBER ⑮



1.50" Radius, 0.75" Border, White on Green;
 [Prospect] B 2K; [Ave] B 2K;
 SIGN: D-3


ORIGINAL STORED
 AT: ITD, District 3
 8150 Chinden
 Boulevard,
 Boise, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. DAVIDSON
DESIGN CHECKED	D. JONES
DETAILED	C. DAVIDSON
DRAWING CHECKED	D. JONES

SCALES SHOWN	ARE FOR 11" X 17"
PRINTS ONLY	
CADD FILE NAME	13443_singndtl_01.sht
DRAWING DATE:	9/16/2016

IDAHO
TRANSPORTATION
DEPARTMENT



HORROCKS
ENGINEERS

PROJECT NO.	A013(443)
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SIGN DETAIL SHEET	English
SNAKE RIVER AVE	COUNTY NEZ PERCE
SOUTHWAY BR TO 11TH AVE	KEY NUMBER 13443
	SHEET 76 OF 99

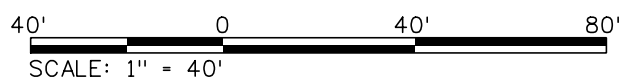
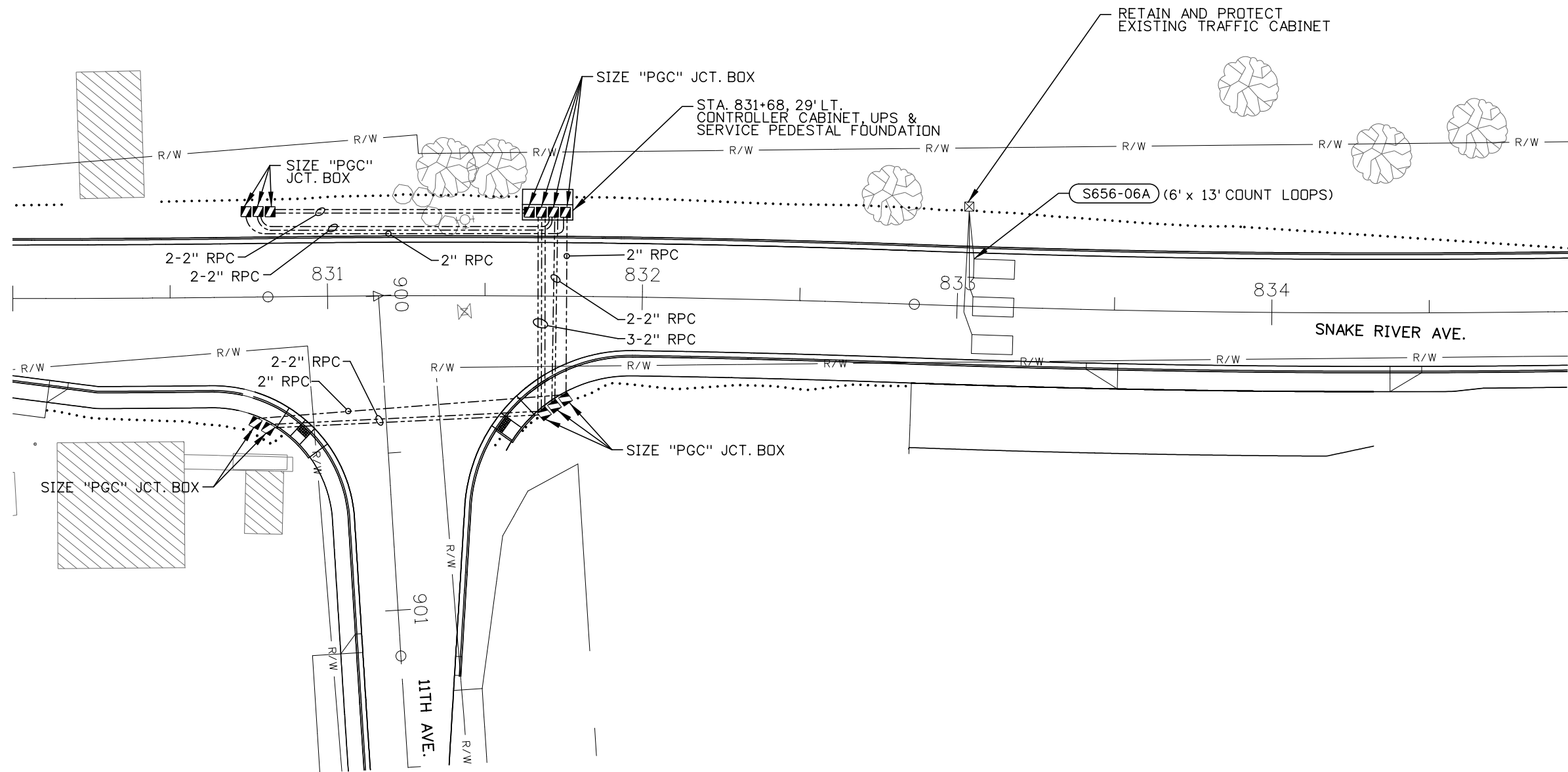
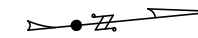
COUNTY	NEZ PERCE
KEY NUMBER	13443
SHEET	76 OF 99

NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

T.35N., R.6W., B.M.

S656-06A TRAF DETECTOR LOOPS

- 1 EA STA. 833+05.00, 12.0' LT.
- 1 EA STA. 833+05.00, DN @
- 1 EA STA. 833+05.00, 12.0' RT.



ITEM 656-005A - TRAFFIC SIGNAL QUANTITIES		
DESCRIPTION	UNIT	QTY.
2" PC CONDUIT	FT	1200
SIZE "PGC" JUNCTION BOX	EA	12
CONTROLLER CABINET, UPS & SERVICE PEDESTAL FOUNDATION (REFER TO ITD STD. DWG. I-7-A-1)	EA	1

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	B. STURM	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. CARTER	
DETAILED	B. STURM	CADD FILE NAME 13443_sig_001.sht
DRAWING CHECKED	H. CARTER	DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO.	A013(443)
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TRAFFIC SIGNAL PLAN	SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE
---------------------	--

English
COUNTY NEZ PERCE
KEY NUMBER 13443
SHEET 77 OF 99

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION


15:56:00 PM

H:\2014\BE-365-44\Snake River Ave Southway BR to 11th Ave\p_j13443\Project_Development\Plan_Sheets\Traffic Control\13443_tcquan_001.dgn/16/2016

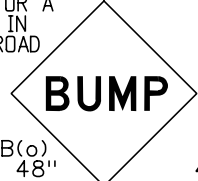
TRAFFIC CONTROL BID ITEMS			
ITEM NO.	DESCRIPTION	UNIT	QTY.
626-010A	CONST SIGN	SF	790.0
626-040A	RENT CONST BARR CL B TY III	EA	8
626-100A	MISCELLANEOUS TEMPORARY TRAFFIC CONTROL ITEMS	LS	1
626-105A	TRAFFIC CONTROL MAINTENANCE	MNHR	450
626-115A	TUBULAR MARKERS	EA	150
630-005A	FLAGGER CONTROL	HR	1,000
S626-35A	NIGHT WORK LIGHTING	LS	1

GENERAL NOTES

- All pavement markings and sign fabrication installation shall be in accordance with the MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES as adopted by the State.
- All regulatory signs in conflict with work zone signs, such as speed limit signs shall be taken down or covered up.
- If the Traffic Control Plan as shown does not conform to the contractors method of operation, the contractor shall submit new Traffic Control Plans to the engineer for approval prior to beginning construction.
- All required work zone signing, temporary pavement markings, tubular markers and barricades shall be in place prior to any diversion of traffic within the project.
- Additional signing may be required as directed by the engineer.
- All construction not completed to even lines and grade before completion of the work day, shall require the "Abrupt Lane Edge" sign (W21-7B).
- All work zone warning signs shall have Two Warning Flags. A battery operated flashing warning light shall be in place during hours of darkness.
- Work Zone signs shall be mounted at a minimum 7' (foot) mounting height, measured to the bottom of the sign. All warning signs shall be a minimum of 48". signs and sign supports shall meet the NCHRP-350 crashworthiness standard.
- Refer to ITD Sign Chart for sign numbers contained in the plans.
- Work and Roadway condition shall be monitored a minimum of twice daily to ensure traffic control measures are operating effectively and all devices are in good condition.
- Work zone signs shall be mounted on wood posts and comply with standard drawing I-8-E. Sign Panels shall be made of aluminum or plywood. Posts and hardware that may be required for rent construction sign, class B, are incidental to the 626-010A bid item.
- All private drives, business drives, access roads and the boat ramp shall remain open, accessible and maintained during construction. Contractor shall provide a minimum 4" thick 3/4" aggregate base for a driving surface at all times.


APPROXIMATE SIGNING QUANTITIES						
SIGN	CLASS	LOGO	SIZE	QTY.	SQ. FT.	TOTAL SQ. FT.
D-3(o)	B	SNAKE RIVER AVE	48" x 12"	25	4.0	100.0
G20-3	B	END ROAD WORK	48" x 24"	4	8.0	32.0
G20-5	B	END DETOUR	30" x 24"	2	6.3	12.6
M4-8	B	DETOUR	24" x 12"	14	2.0	28.0
M4-9L	B	DETOUR WITH ARROW	30" x 24"	3	5.0	15.0
M4-9R	B	DETOUR WITH ARROW	30" x 24"	3	5.0	15.0
M6-3(o)	B	ARROW	21" x 15"	13	2.2	30.8
R2-1A	B	SPEED LIMIT 25	36" x 48"	3	12.0	36.0
R9-3	B	NO PEDESTRIAN	18" x 18"	1	2.25	2.25
R11-2	B	ROAD CLOSED	48" x 30"	1	10.0	10.0
R11-4	B	ROAD CLOSED TO THRU TRAFFIC	60" x 30"	2	12.5	25.0
SC-1	B	USE ALTERNATE ROUTE	72" x 48"	1	24.0	24.0
W3-5TB(o)	B	25 MPH SPEED ZONE AHEAD	48" x 48"	3	16.0	48.0
W8-1B(o)	B	BUMP	48" x 48"	2	16.0	32.0
W20-2B	B	DETOUR AHEAD	48" x 48"	2	16.0	32.0
W20-4B	B	ONE LANE ROAD AHEAD	48" x 48"	2	16.0	32.0
W20-7B	B		48" x 48"	2	16.0	32.0
W20-9B	B	BE PREPARED TO STOP	48" x 48"	2	16.0	32.0
W21-4B	B	ROAD WORK AHEAD	48" x 48"	5	16.0	80.0
W21-7B	B	ABRUPT LANE EDGE	48" x 48"	2	16.0	32.0
W21-701B	B	SHOULDER DROP-OFF WITH CAR	48" x 48"	2	16.0	32.0
SPECIAL	B	SHOULDER DROP-OFF	24" x 18"	2	3.0	6.0
W21-702B	B	LOW SHOULDER	48" x 48"	2	16.0	32.0
10% CONTINGENCY = 72			TOTAL	96		790.0

USE FOR A BUMP IN THE ROAD



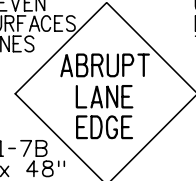
W8-1B(o)
48" x 48"

USE FOR UNEVEN ROADWAY SURFACES BETWEEN LANES



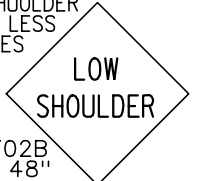
W20-4B
48" x 48"

USE WHEN SHOULDER DROP-OFF IS LESS THAN 3 INCHES

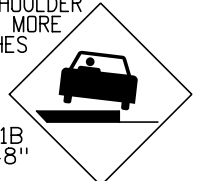


W21-7B
48" x 48"

USE WHEN SHOULDER DROP-OFF IS MORE THAN 3 INCHES



W21-702B
48" x 48"




W21-701B
48" x 48"

SPECIAL 24" X 18" SHOULDER DROP-OFF

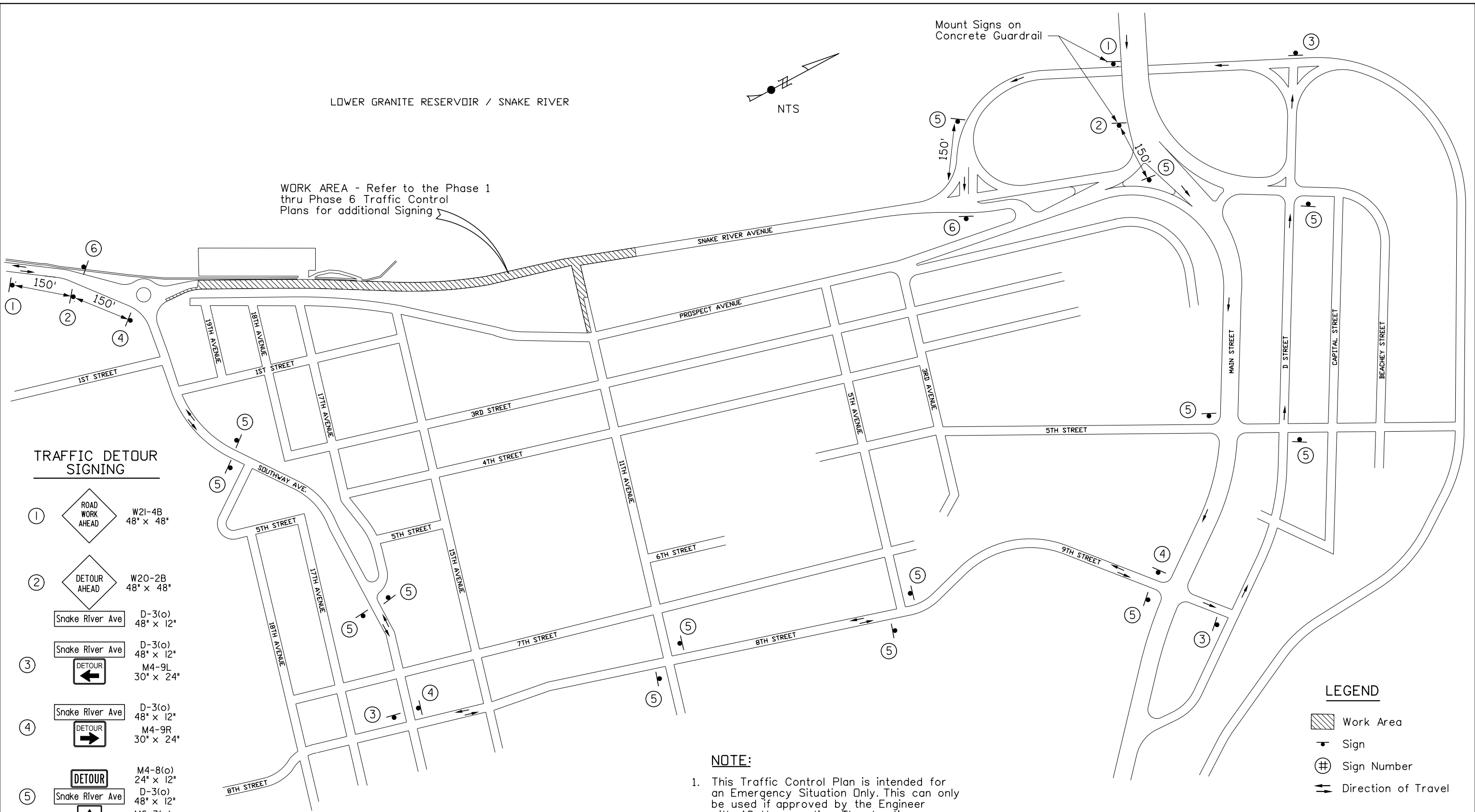
THESE SIGNS MAY BE REQUIRED. LOCATE AS NEEDED.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED B. STURM	<p>SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY</p> <p>CADD FILE NAME 13443_tcquan_001.dgn</p> <p>DRAWING DATE: 9/16/2016</p>
DESIGN CHECKED H. CARTER	
DETAILED B. STURM	
DRAWING CHECKED H. CARTER	

<p>IDAHO TRANSPORTATION DEPARTMENT</p> 	PROJECT NO. A013(443)	TEMPORARY TRAFFIC CONTROL PLAN SHEET SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE
---	--------------------------	--

<p>ORIGINAL STORED AT: ITD, District 3 8150 Chinden Boulevard, Boise, ID</p>	<p>NOT APPROVED PRELIMINARY FOR CONSTRUCTION</p>
<p>English</p>	
<p>COUNTY NEZ PERCE</p> <p>KEY NUMBER 13443</p>	
<p>SHEET 78 OF 99</p>	



WORK AREA - Refer to the Phase 1 thru Phase 6 Traffic Control Plans for additional Signing

Mount Signs on Concrete Guardrail

NTS

TRAFFIC DETOUR SIGNING

- ① ROAD WORK AHEAD W21-4B 48" x 48"
- ② DETOUR AHEAD W20-2B 48" x 48"
- ③ Snake River Ave D-3(o) 48" x 12"
M4-9L 30" x 24"
- ④ Snake River Ave D-3(o) 48" x 12"
M4-9R 30" x 24"
- ⑤ M4-8(o) 24" x 12"
Snake River Ave D-3(o) 48" x 12"
M6-3(o) 21" x 15"
- ⑥ END DETOUR G20-5 30" x 24"

LEGEND

- Work Area
- Sign
- Sign Number
- Direction of Travel

NOTE:

1. This Traffic Control Plan is intended for an Emergency Situation Only. This can only be used if approved by the Engineer with 48 Hours notice. The duration of the Detour shall not exceed 24 Hours, unless otherwise approved.

ORIGINAL STORED AT: ITD, District 3 8150 Chinden Boulevard, Boise, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED B. STURM
 DESIGN CHECKED H. CARTER
 DETAILED B. STURM
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_tcp_detour1.dgn
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

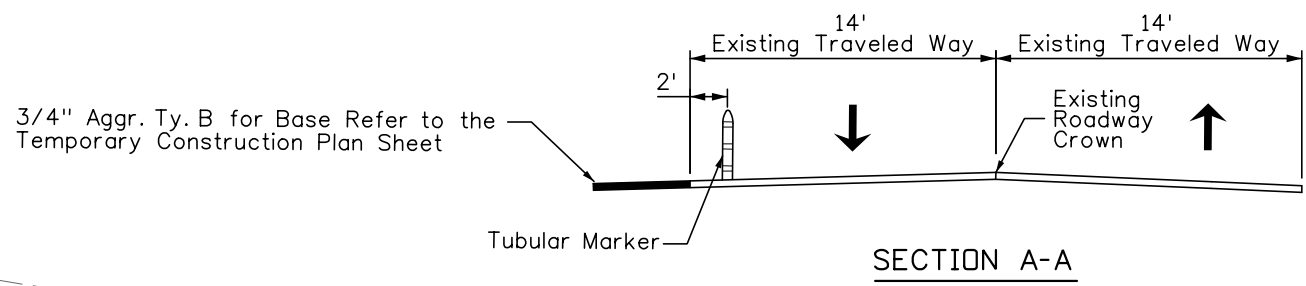
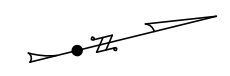
PROJECT NO. A013(443)

TEMPORARY TRAFFIC CONTROL PLAN SHEET
Snake River Ave Southway BR to 11th Ave Detour Map

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 79 OF 99

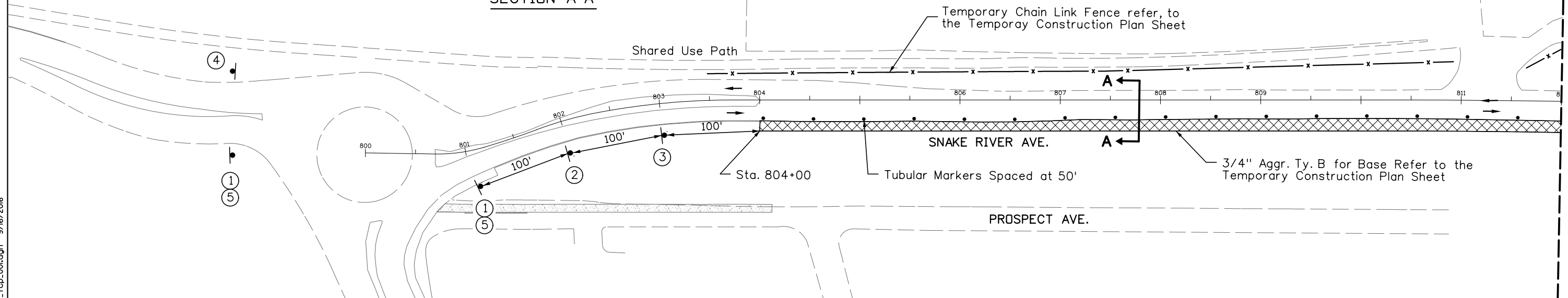
NOT APPROVED
 PRELIMINARY FOR CONSTRUCTION

T.35N., R.6W., B.M.



14:56:01 PM

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TRAFFIC CONTROL SIGNING

- ① ROAD WORK AHEAD W21-4B 48" x 48"
- ② 25 MPH SPEED ZONE AHEAD W3-5TB 48" x 48"
- ③ SPEED LIMIT 25 R2-1A 36" x 48"
- ④ END ROAD WORK G20-3 48" x 24"
- ⑤ Snake River Ave D-3(o) 48" x 12"
(Mount Below "ROAD WORK AHEAD" Sign)

NOTES

1. Snake River Ave. will remain open.
2. Allow access to Property Owners, Business Accesses and to the Boat Ramp at all times.

LEGEND

- 3/4" Aggr Ty B
- Sign
- Sign Number
- Flagger
- Direction of Travel
- Tubular Marker
- Section Cut



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED B. STURM
 DESIGN CHECKED H. CARTER
 DETAILED B. STURM
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_tcp_001.dgn
 DRAWING DATE: 9/16/2016



PROJECT NO. A013(443)

TEMPORARY TRAFFIC CONTROL PLAN SHEET
 SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE
 PHASE 1

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 80 OF 99

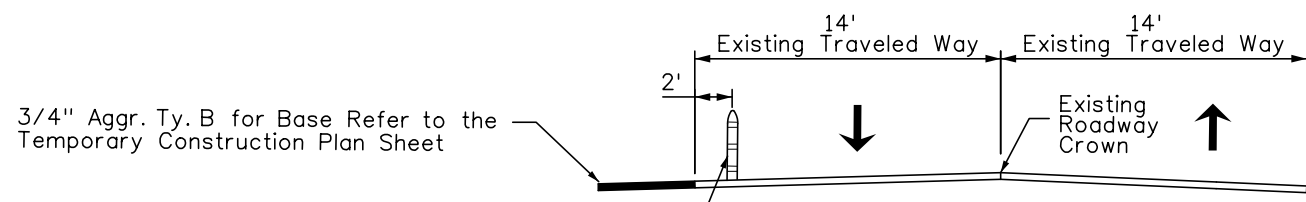
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NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

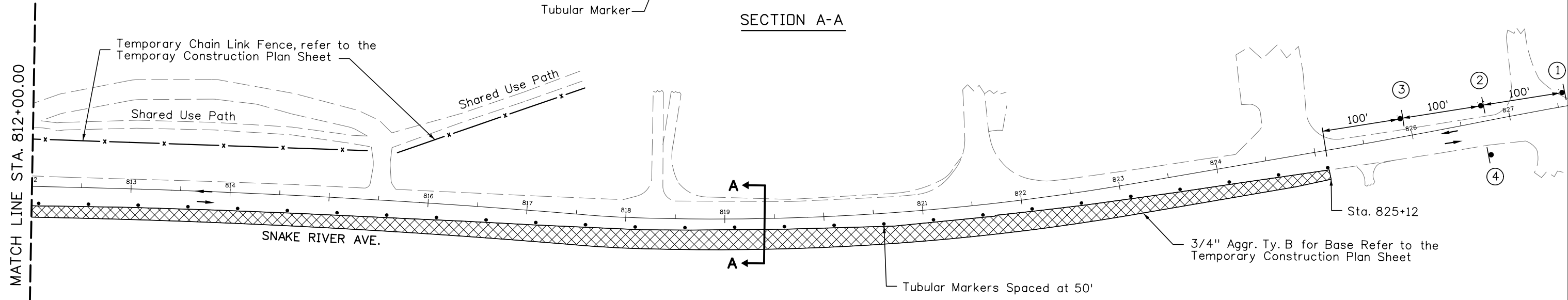
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T.35N., R.6W., B.M.



SECTION A-A



TRAFFIC CONTROL SIGNING

- ① ROAD WORK AHEAD W21-4B 48" x 48"
- ② 25 MPH SPEED ZONE AHEAD W3-5TB 48" x 48"
- ③ SPEED LIMIT 25 R2-1A 36" x 48"
- ④ END ROAD WORK G20-3 48" x 24"

NOTES

1. Snake River Ave. will remain open.
2. Allow access to Property Owners, Business Accesses and to the Boat Ramp at all times.

LEGEND

- 3/4" Aggr Ty B
- Sign
- Sign Number
- Flagger
- Direction of Travel
- Tubular Marker
- Section Cut



ORIGINAL STORED AT: ITD, District 3 8150 Chinden Boulevard, Boise, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED B. STURM
 DESIGN CHECKED H. CARTER
 DETAILED B. STURM
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME 13443_tcp_002.dgn

DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO. A013(443)

TEMPORARY TRAFFIC CONTROL PLAN SHEET

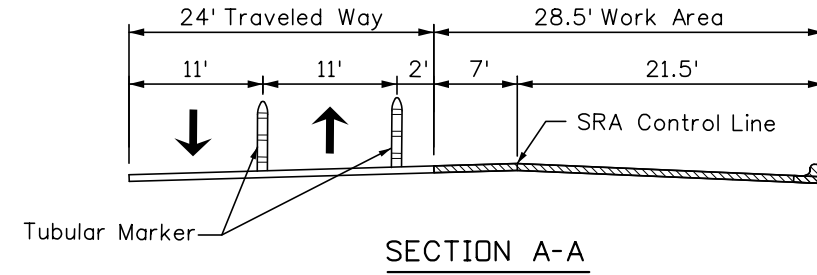
English

SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE
 PHASE 1

COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 81 OF 99

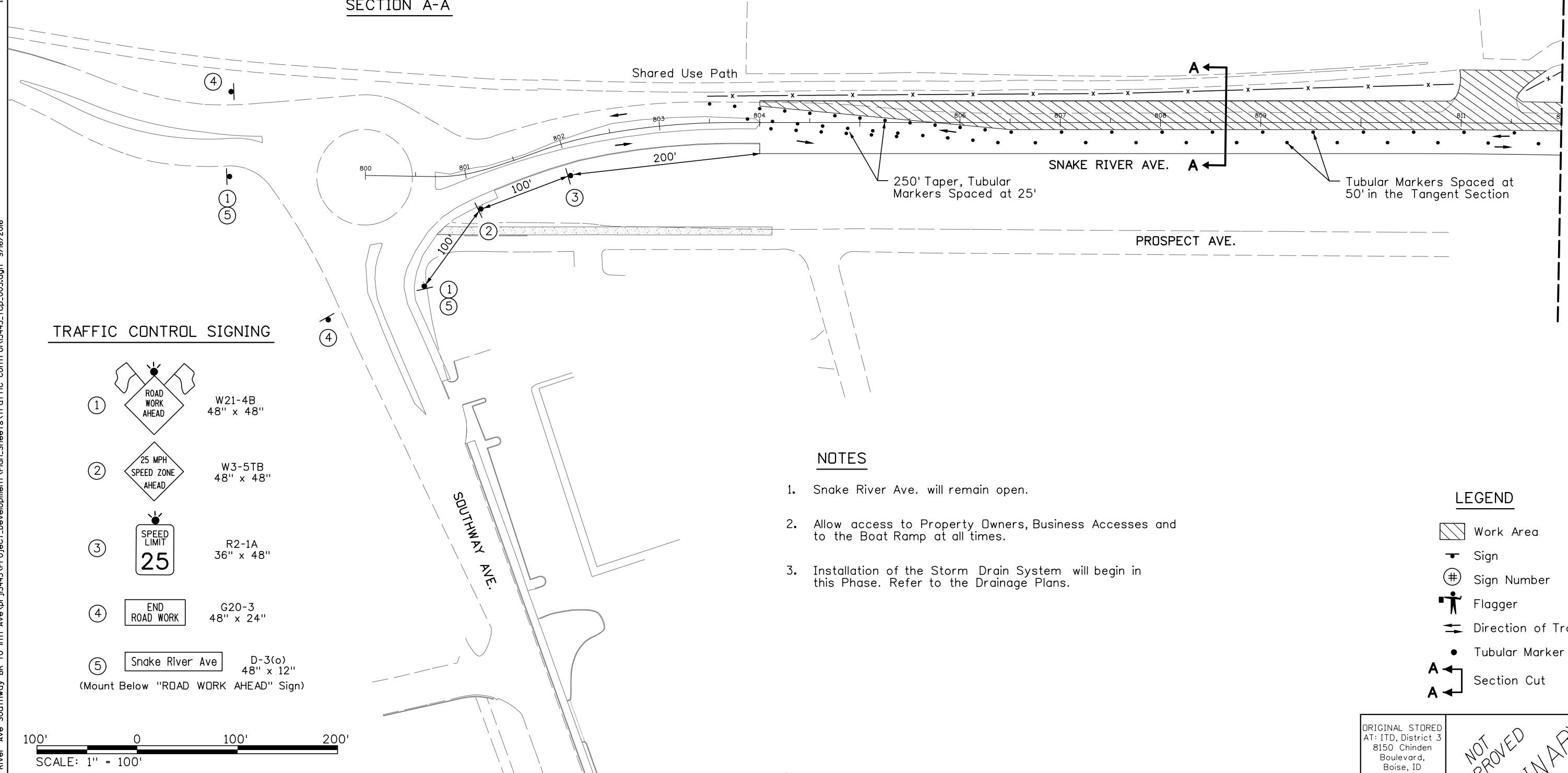
NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

T.35N., R.6W., B.M.



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TRAFFIC CONTROL SIGNING

- ① W21-4B
48" x 48"
- ② W3-5TB
48" x 48"
- ③ R2-1A
36" x 48"
- ④ G20-3
48" x 24"
- ⑤ D-3(o)
48" x 12"
(Mount Below "ROAD WORK AHEAD" Sign)



NOTES

1. Snake River Ave. will remain open.
2. Allow access to Property Owners, Business Accesses and to the Boat Ramp at all times.
3. Installation of the Storm Drain System will begin in this Phase. Refer to the Drainage Plans.

LEGEND

- Work Area
- Sign
- Sign Number
- Flagger
- Direction of Travel
- Tubular Marker
- Section Cut

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	B. STURM	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. CARTER	
DETAILED	B. STURM	CADD FILE NAME 13443_tcp_003.dgn
DRAWING CHECKED	H. CARTER	DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO.	A013(443)
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TEMPORARY TRAFFIC CONTROL PLAN SHEET	English
SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE PHASE 2	

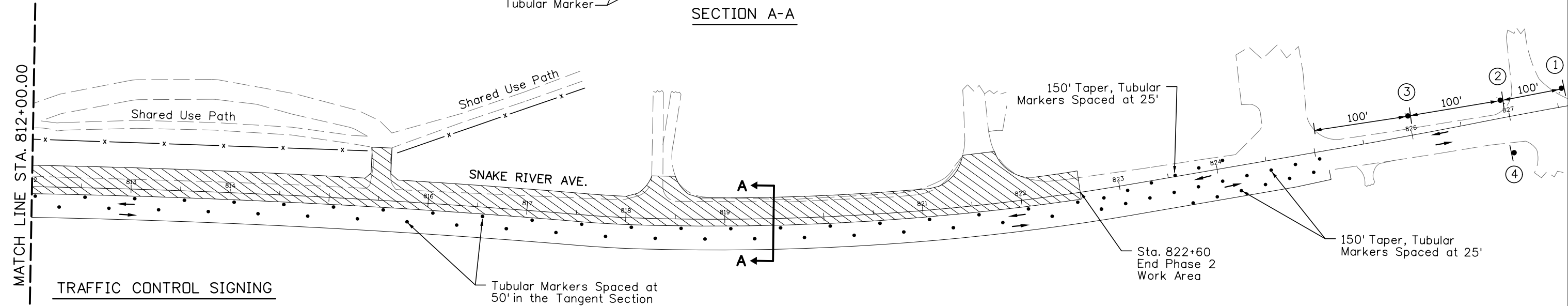
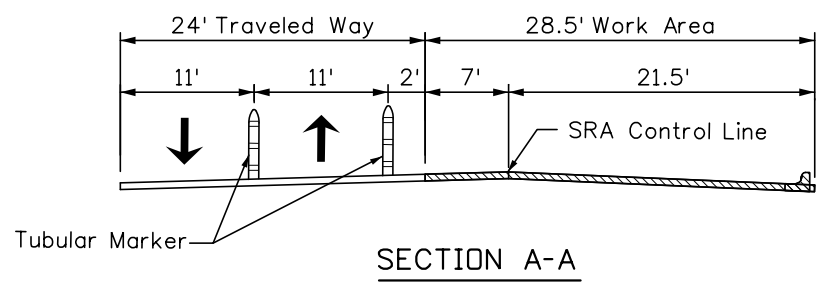
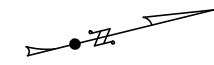
ORIGINAL STORED AT: ITD, District 3 8150 Chinden Boulevard, Boise, ID	
COUNTY	NEZ PERCE
KEY NUMBER	13443
SHEET	82 OF 99

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

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T.35N., R.6W., B.M.



TRAFFIC CONTROL SIGNING

- ① ROAD WORK AHEAD W21-4B 48" x 48"
- ② 25 MPH SPEED ZONE AHEAD W3-5TB 48" x 48"
- ③ SPEED LIMIT 25 R2-1A 36" x 48"
- ④ END ROAD WORK G20-3 48" x 24"
- ⑤ Snake River Ave D-3(o) 48" x 12"
(Mount Below "ROAD WORK AHEAD" Sign)

NOTES

1. Snake River Ave. will remain open.
2. Allow access to Property Owners, Business Accesses and to the Boat Ramp at all times.
3. Installation of the Storm Drain System will begin in this Phase. Refer to the Drainage Plans.

LEGEND

- Work Area
- Sign
- Sign Number
- Flagger
- Direction of Travel
- Tubular Marker
- Section Cut



ORIGINAL STORED AT: ITD, District 3 8150 Chinden Boulevard, Boise, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED B. STURM
 DESIGN CHECKED H. CARTER
 DETAILED B. STURM
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_tcp_004.dgn
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO. A013(443)

TEMPORARY TRAFFIC CONTROL PLAN SHEET

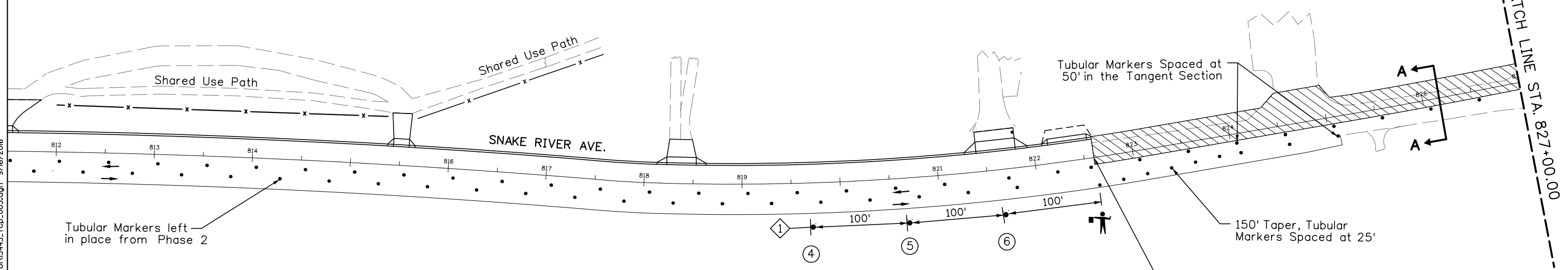
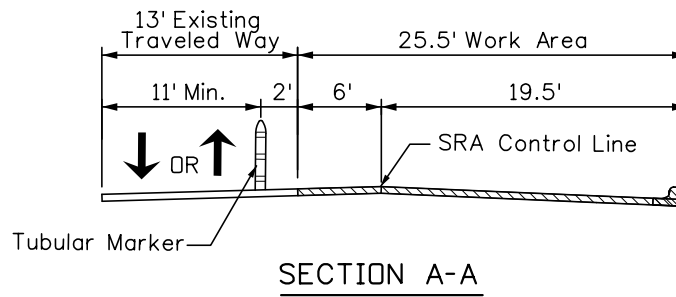
**Snake River Ave
 Southway BR to 11th Ave
 Phase 2**

English

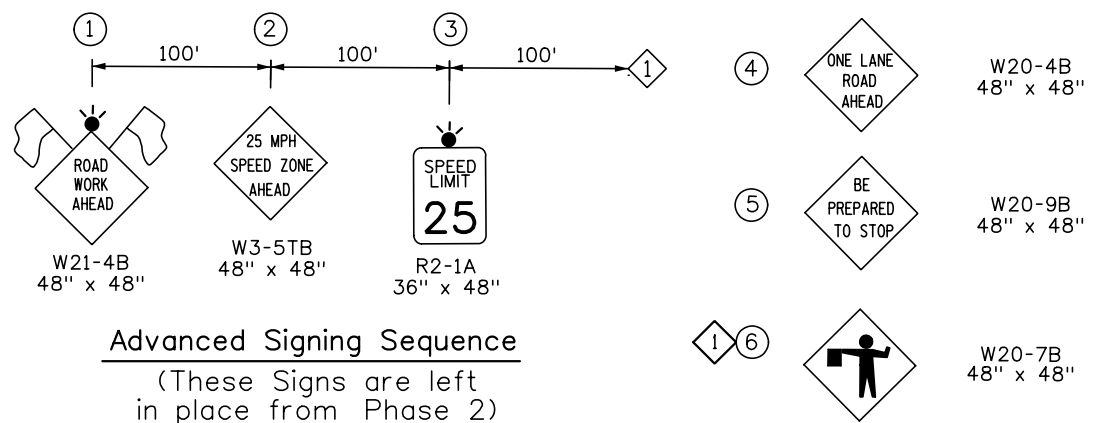
COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 83 OF 99

NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

T.35N., R.6W., B.M.



TRAFFIC CONTROL SIGNING



NOTES

- ① Signs and Flaggers shall be used as needed or directed during Construction. Night Work Lighting shall be provided at each Flagging location during night time hours.
- 1. Snake River Ave. will remain open.
- 2. Allow access to Property Owners, Business Accesses and to the Boat Ramp at all times.
- 3. Installation of the Storm Drain System will continue in this Phase. Refer to the Drainage Plans.

LEGEND

- Work Area
- Sign
- Sign Number
- Flagger
- Direction of Travel
- Tubular Marker
- Section Cut



ORIGINAL STORED AT: ITD, District 3 8150 Chinden Boulevard, Boise, ID

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED B. STURM
 DESIGN CHECKED H. CARTER
 DETAILED B. STURM
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_tcp_005.dgn
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

PROJECT NO. A013(443)

TEMPORARY TRAFFIC CONTROL PLAN SHEET

**Snake River Ave
SOUTHWAY BR TO 11TH AVE
PHASE 3**

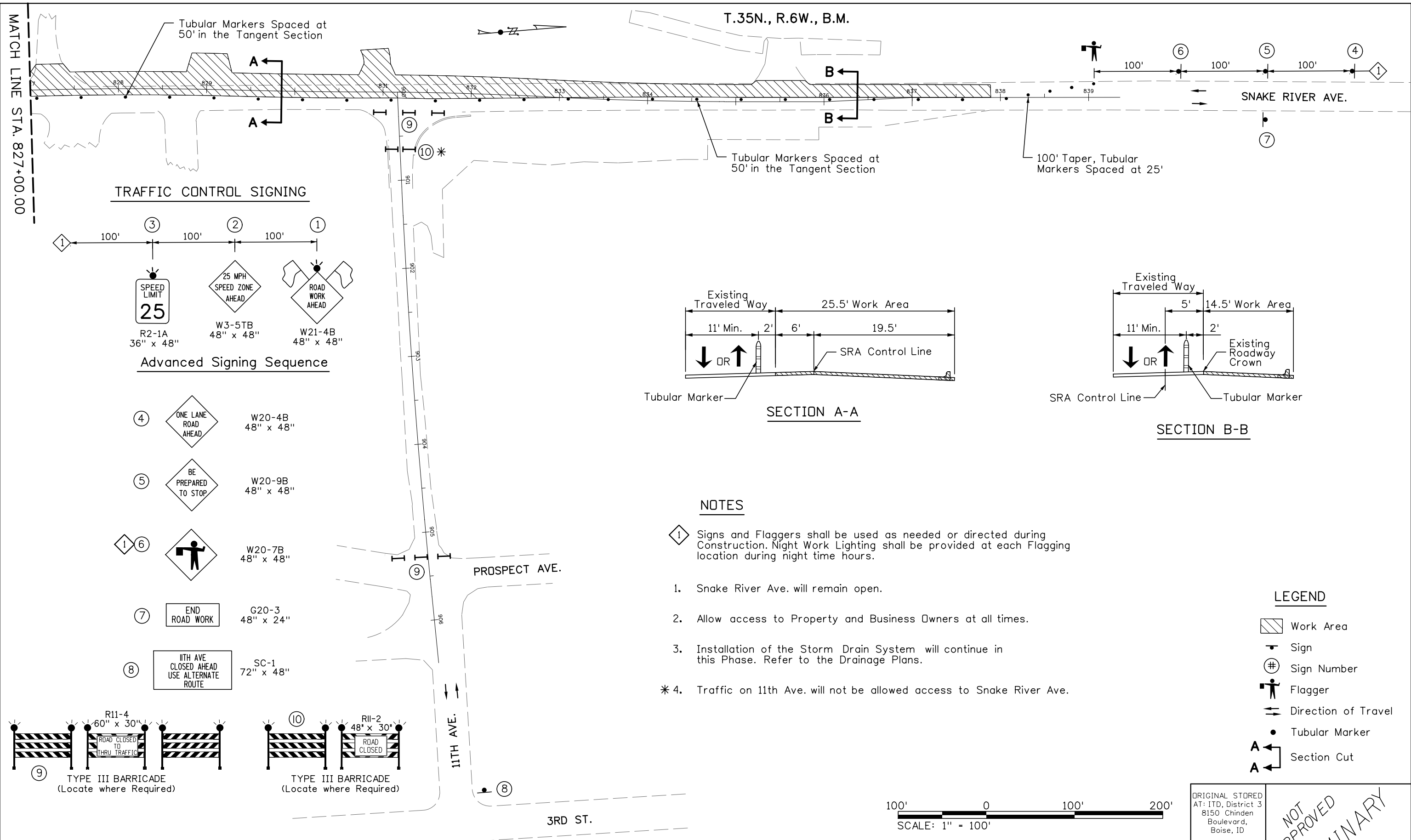
English

COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 84 OF 99

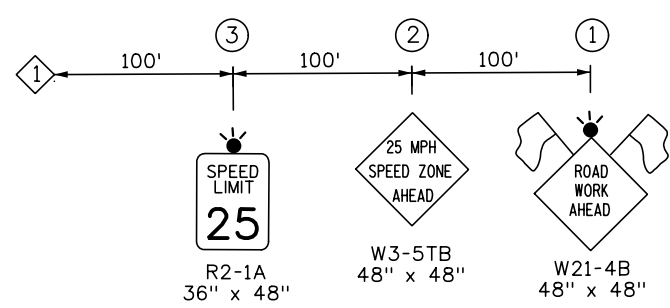
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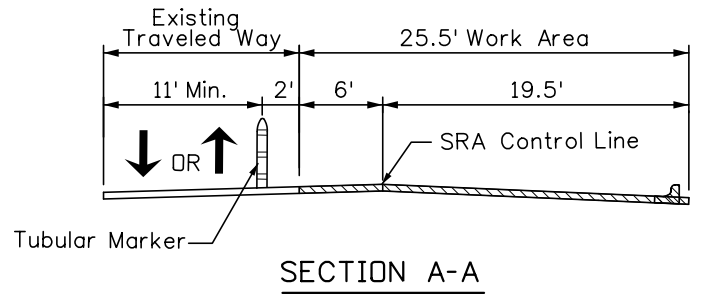
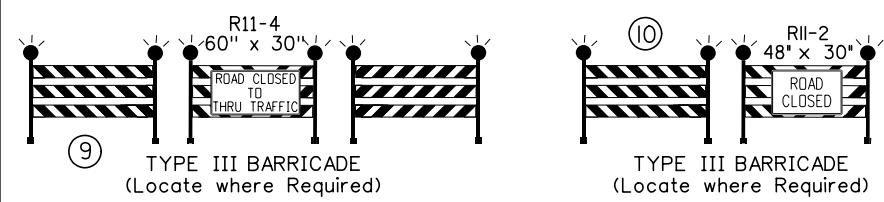


TRAFFIC CONTROL SIGNING

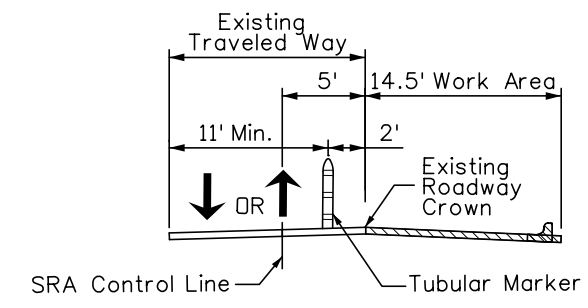


Advanced Signing Sequence

- ④ ONE LANE ROAD AHEAD W20-4B 48" x 48"
- ⑤ BE PREPARED TO STOP W20-9B 48" x 48"
- ① ⑥ FLAGGER W20-7B 48" x 48"
- ⑦ END ROAD WORK G20-3 48" x 24"
- ⑧ 11TH AVE CLOSED AHEAD USE ALTERNATE ROUTE SC-1 72" x 48"



SECTION A-A



SECTION B-B

NOTES

- ① Signs and Flaggers shall be used as needed or directed during Construction. Night Work Lighting shall be provided at each Flagging location during night time hours.
- 1. Snake River Ave. will remain open.
- 2. Allow access to Property and Business Owners at all times.
- 3. Installation of the Storm Drain System will continue in this Phase. Refer to the Drainage Plans.
- * 4. Traffic on 11th Ave. will not be allowed access to Snake River Ave.

LEGEND

- Work Area
- Sign
- Sign Number
- Flagger
- Direction of Travel
- Tubular Marker
- Section Cut



ORIGINAL STORED AT: ITD, District 3 8150 Chinden Boulevard, Boise, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	B. STURM	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. CARTER	
DETAILED	B. STURM	CADD FILE NAME 13443_tcp_006.dgn
DRAWING CHECKED	H. CARTER	DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

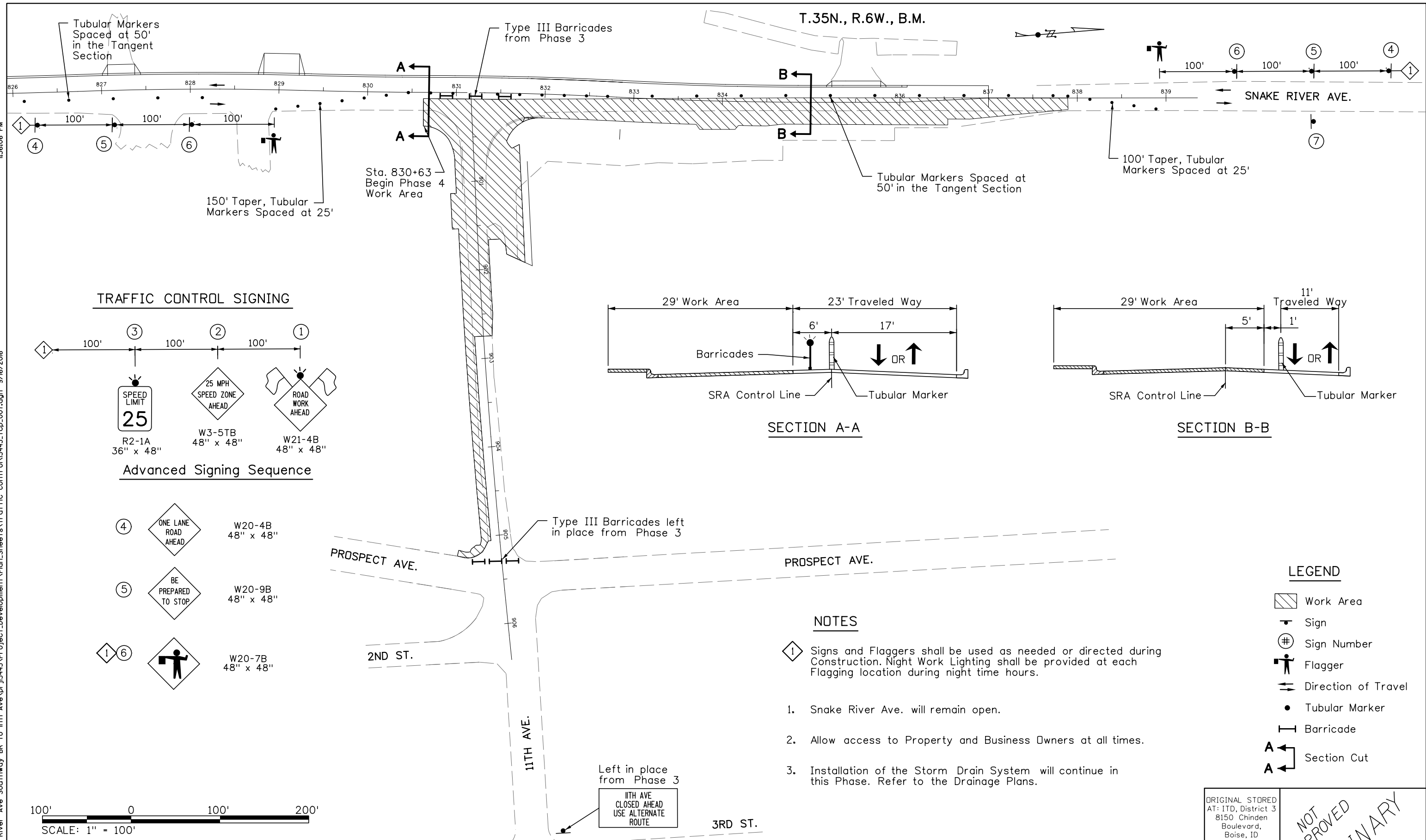
PROJECT NO.	A013(443)
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TEMPORARY TRAFFIC CONTROL PLAN SHEET	English
SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE PHASE 3	

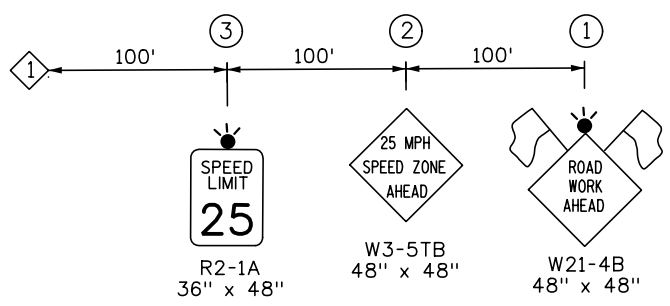
COUNTY	NEZ PERCE
KEY NUMBER	13443
SHEET	85 OF 99

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

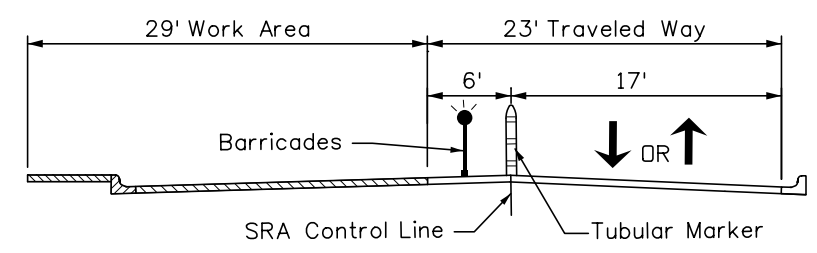
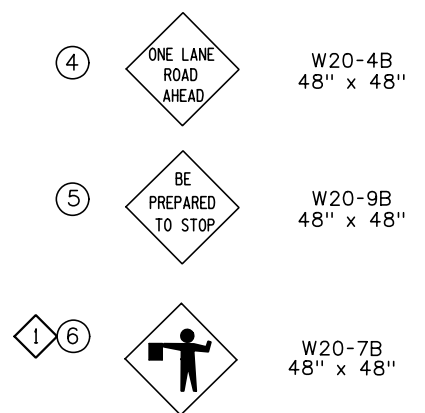
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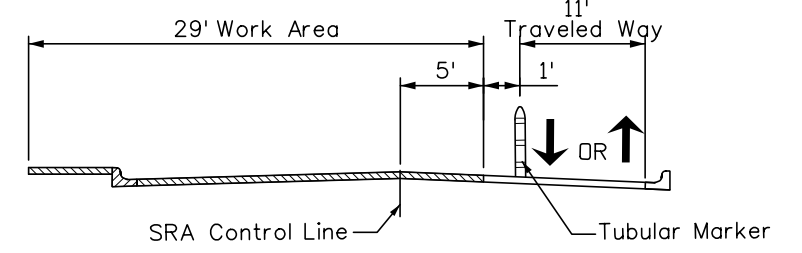
TRAFFIC CONTROL SIGNING



Advanced Signing Sequence



SECTION A-A



SECTION B-B

NOTES

- 1. Snake River Ave. will remain open.
- 2. Allow access to Property and Business Owners at all times.
- 3. Installation of the Storm Drain System will continue in this Phase. Refer to the Drainage Plans.

LEGEND

- Work Area
- Sign
- Sign Number
- Flagger
- Direction of Travel
- Tubular Marker
- Barricade
- Section Cut



11TH AVE CLOSED AHEAD USE ALTERNATE ROUTE

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED B. STURM
 DESIGN CHECKED H. CARTER
 DETAILED B. STURM
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_tcp_007.dgn
 DRAWING DATE: 9/16/2016



PROJECT NO. A013(443)

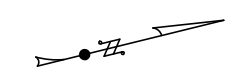
TEMPORARY TRAFFIC CONTROL PLAN SHEET
English
 SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE
 PHASE 4

ORIGINAL STORED AT: ITD, District 3
 8150 Chinden Boulevard,
 Boise, ID

NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION

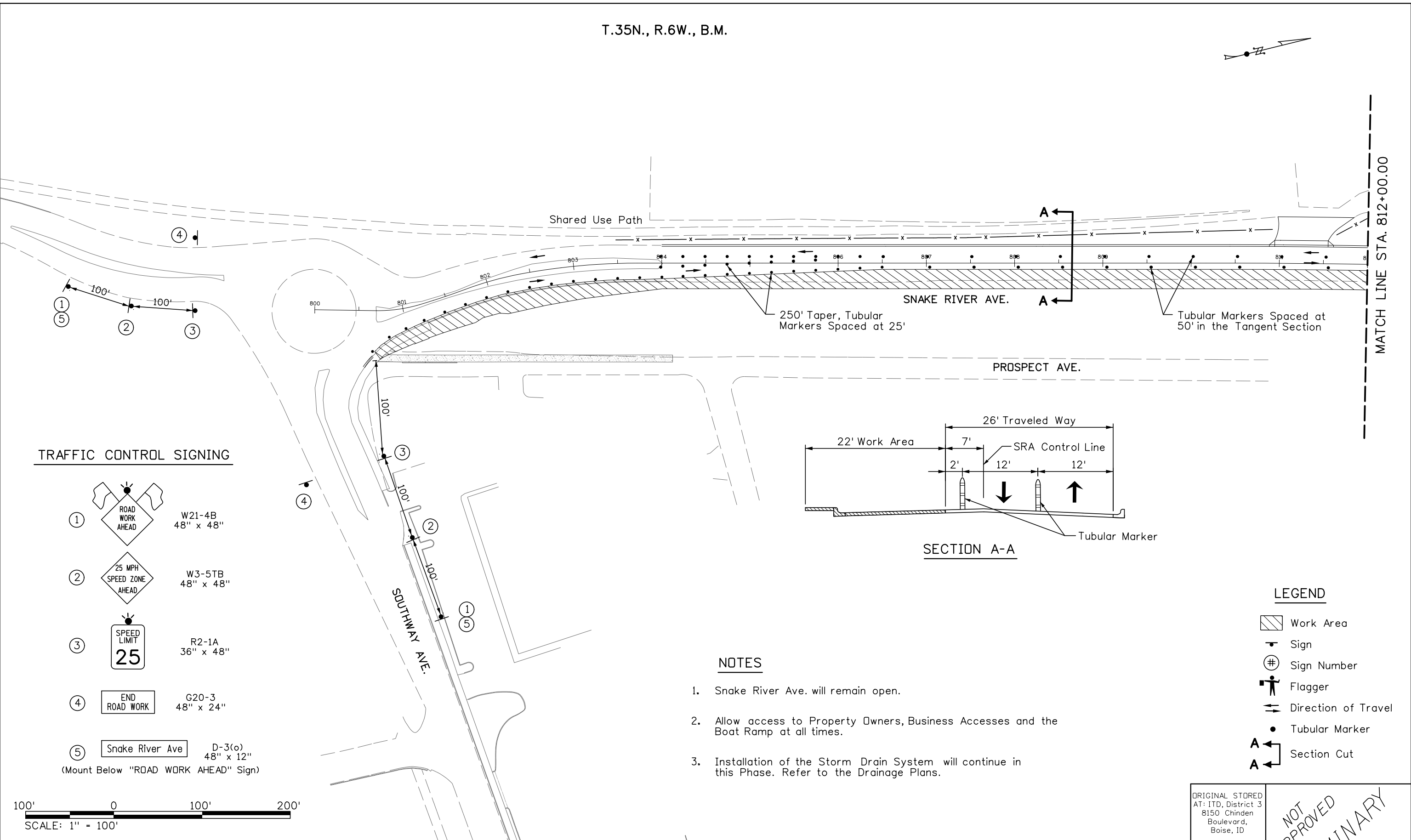
COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 86 OF 99

T.35N., R.6W., B.M.



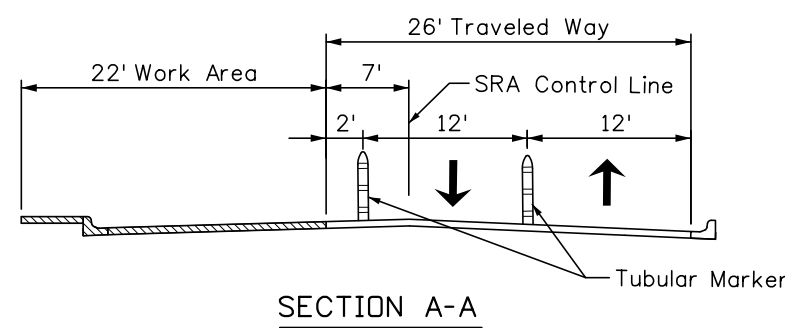
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TRAFFIC CONTROL SIGNING

- ① ROAD WORK AHEAD W21-4B 48" x 48"
- ② 25 MPH SPEED ZONE AHEAD W3-5TB 48" x 48"
- ③ SPEED LIMIT 25 R2-1A 36" x 48"
- ④ END ROAD WORK G20-3 48" x 24"
- ⑤ Snake River Ave D-3(o) 48" x 12"
(Mount Below "ROAD WORK AHEAD" Sign)



NOTES

1. Snake River Ave. will remain open.
2. Allow access to Property Owners, Business Accesses and the Boat Ramp at all times.
3. Installation of the Storm Drain System will continue in this Phase. Refer to the Drainage Plans.

LEGEND

- Work Area
- Sign
- Sign Number
- Flagger
- Direction of Travel
- Tubular Marker
- Section Cut

ORIGINAL STORED AT: ITD, District 3 8150 Chinden Boulevard, Boise, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	B. STURM	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. CARTER	
DETAILED	B. STURM	CADD FILE NAME 13443_tcp_008.dgn
DRAWING CHECKED	H. CARTER	DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

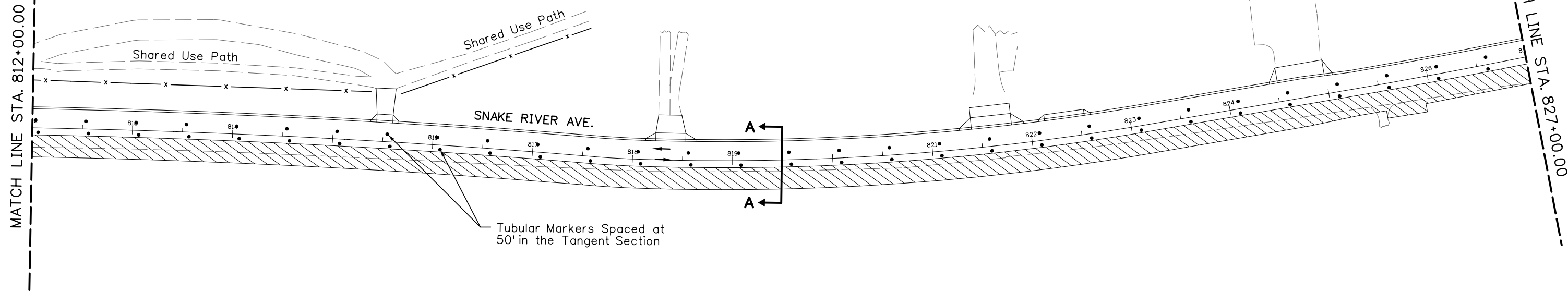
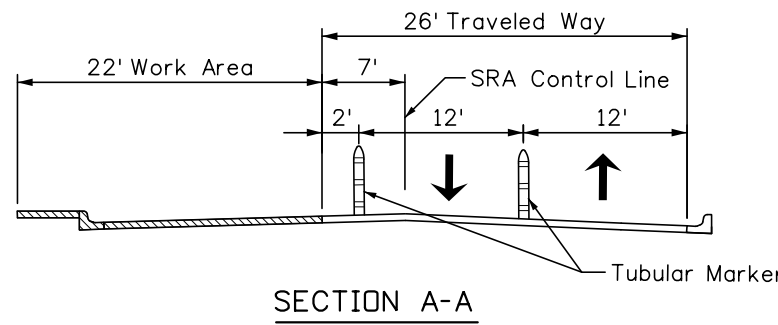
PROJECT NO.	A013(443)
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TEMPORARY TRAFFIC CONTROL PLAN SHEET	English
SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE PHASE 5	

COUNTY	NEZ PERCE
KEY NUMBER	13443
SHEET	87 OF 99

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

T.35N., R.6W., B.M.

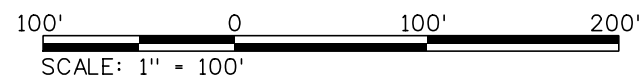


NOTES

1. Snake River Ave. will remain open.
2. Allow access to Property Owners, Business Accesses and the Boat Ramp at all times.
3. Installation of the Storm Drain System will continue in this Phase. Refer to the Drainage Plans.

LEGEND

- Work Area
- Sign
- Sign Number
- Flagger
- Direction of Travel
- Tubular Marker
- Section Cut



ORIGINAL STORED AT: ITD, District 3 8150 Chinden Boulevard, Boise, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	B. STURM
DESIGN CHECKED	H. CARTER
DETAILED	B. STURM
DRAWING CHECKED	H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 13443_tcp_009.dgn
DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO.	A013(443)
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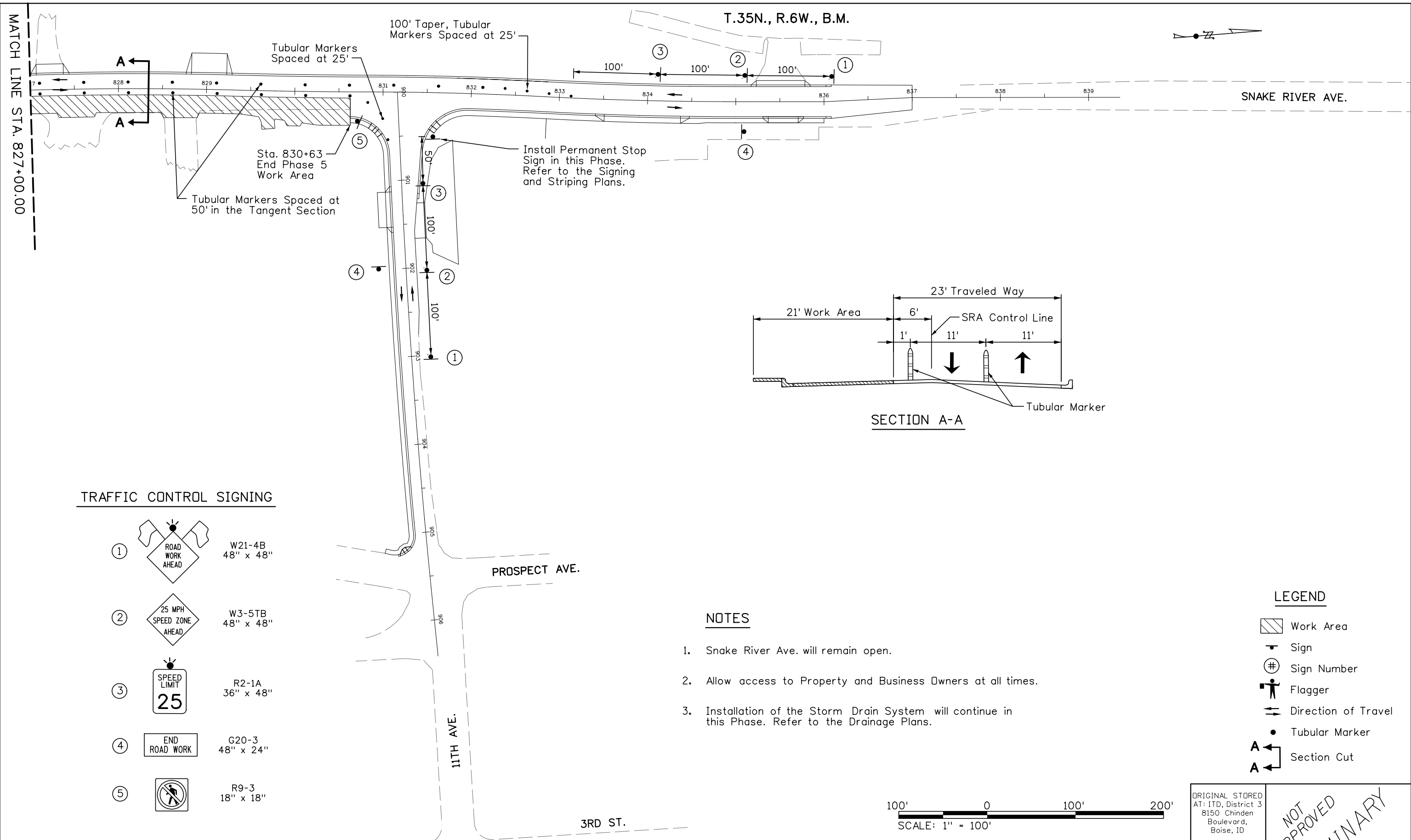
TEMPORARY TRAFFIC CONTROL PLAN SHEET	English
SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE PHASE 5	

COUNTY	NEZ PERCE
KEY NUMBER	13443
SHEET	88 OF 99

NOT APPROVED FOR CONSTRUCTION

1456:07 PM

H:\2014\BE-365-141\Snake River Ave Southway BR to 11th Ave\p\13443\Project_Development\Plan_Sheets\Traffic_Control\13443_tcp_010.dgn 9/16/2016



TRAFFIC CONTROL SIGNING

- ① W21-4B
48" x 48"
- ② W3-5TB
48" x 48"
- ③ R2-1A
36" x 48"
- ④ G20-3
48" x 24"
- ⑤ R9-3
18" x 18"

NOTES

1. Snake River Ave. will remain open.
2. Allow access to Property and Business Owners at all times.
3. Installation of the Storm Drain System will continue in this Phase. Refer to the Drainage Plans.

LEGEND

- Work Area
- Sign
- Sign Number
- Flagger
- Direction of Travel
- Tubular Marker
- Section Cut



ORIGINAL STORED AT: ITD, District 3
8150 Chinden Boulevard,
Boise, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	B. STURM	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. CARTER	
DETAILED	B. STURM	CADD FILE NAME 13443_tcp_010.dgn
DRAWING CHECKED	H. CARTER	DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

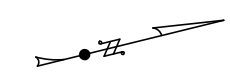
PROJECT NO.	A013(443)
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TEMPORARY TRAFFIC CONTROL PLAN SHEET	English
SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE PHASE 5	

COUNTY	NEZ PERCE
KEY NUMBER	13443
SHEET	89 OF 99

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

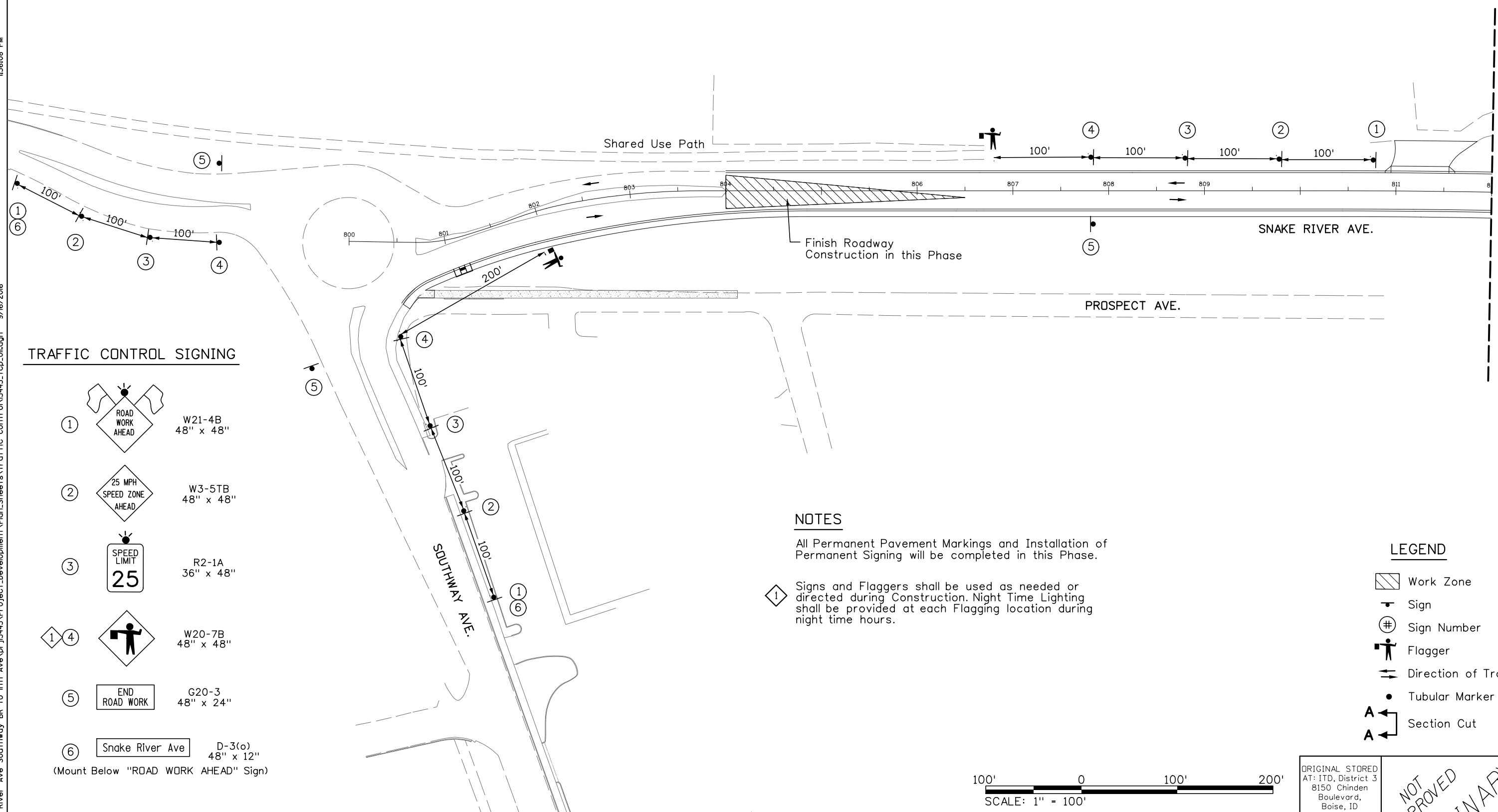
T.35N., R.6W., B.M.



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9/16/2016

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TRAFFIC CONTROL SIGNING

- ① ROAD WORK AHEAD W21-4B 48" x 48"
- ② 25 MPH SPEED ZONE AHEAD W3-5TB 48" x 48"
- ③ SPEED LIMIT 25 R2-1A 36" x 48"
- ④ W20-7B 48" x 48"
- ⑤ END ROAD WORK G20-3 48" x 24"
- ⑥ Snake River Ave D-3(o) 48" x 12"
(Mount Below "ROAD WORK AHEAD" Sign)

NOTES

All Permanent Pavement Markings and Installation of Permanent Signing will be completed in this Phase.

① Signs and Flaggers shall be used as needed or directed during Construction. Night Time Lighting shall be provided at each Flagging location during night time hours.

LEGEND

- Work Zone
- Sign
- Sign Number
- Flagger
- Direction of Travel
- Tubular Marker
- Section Cut



ORIGINAL STORED AT: ITD, District 3 8150 Chinden Boulevard, Boise, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	B. STURM	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. CARTER	
DETAILED	B. STURM	CADD FILE NAME 13443_tcp_011.dgn
DRAWING CHECKED	H. CARTER	DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT

HORROCKS ENGINEERS

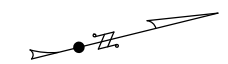
PROJECT NO.	A013(443)
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TEMPORARY TRAFFIC CONTROL PLAN SHEET	English
SNAKE RIVER AVE SOUTHWAY BR TO 11TH AVE PHASE 6	

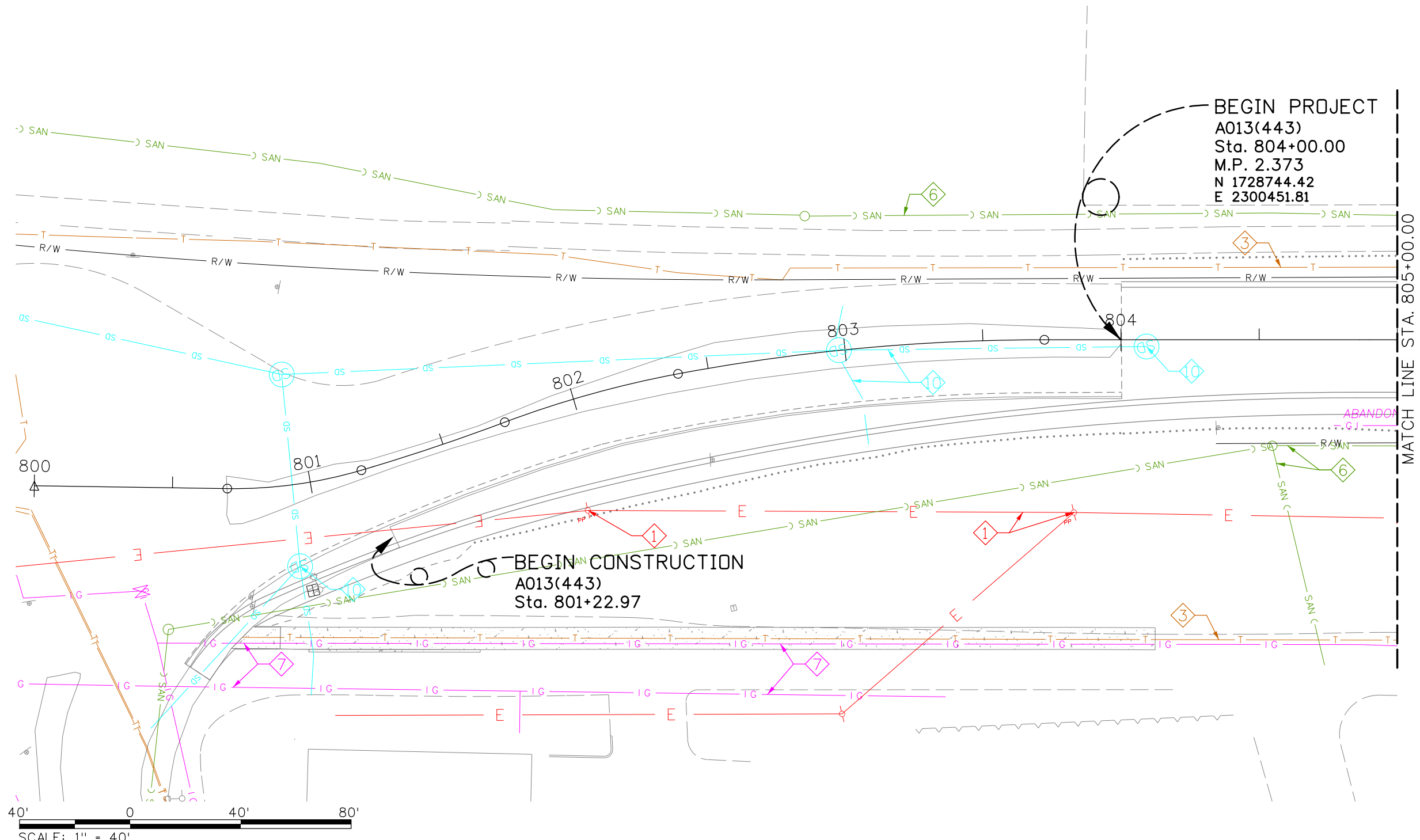
COUNTY	NEZ PERCE
KEY NUMBER	13443
SHEET	90 OF 99

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

T.35N., R.6W., B.M.



- ① OVERHEAD POWER
RETAIN AND PROTECT IN PLACE.
- ③ BURIED TELEPHONE
RETAIN AND PROTECT
- ⑥ EXISTING SANITARY SEWER,
RETAIN AND PROTECT IN PLACE.
- ⑦ EXISTING NATURAL GAS
FACILITIES RETAIN
AND PROTECT RELOCATED
AVISTA UTILITY.
- ⑩ EXISTING STORM SEWER
RETAIN AND PROTECT
IN PLACE.
(SEE DRAINAGE SHEETS)



- NOTES:**
1. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CALL "DIG LINE INC." AT 811 AT LEAST TWO (2) BUSINESS DAYS PRIOR TO CONSTRUCTION.
 2. THE CONTRACTOR SHALL NOTIFY ALL UTILITIES LOCATED IN THE VICINITY OF THE PROJECT OF ANTICIPATED CONSTRUCTION TIMES.

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_util_001.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO.
A013(443)

UTILITY PLAN SHEET
**SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE
 STA. 800+00.00 TO STA. 805+00.00**

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 91 OF 99

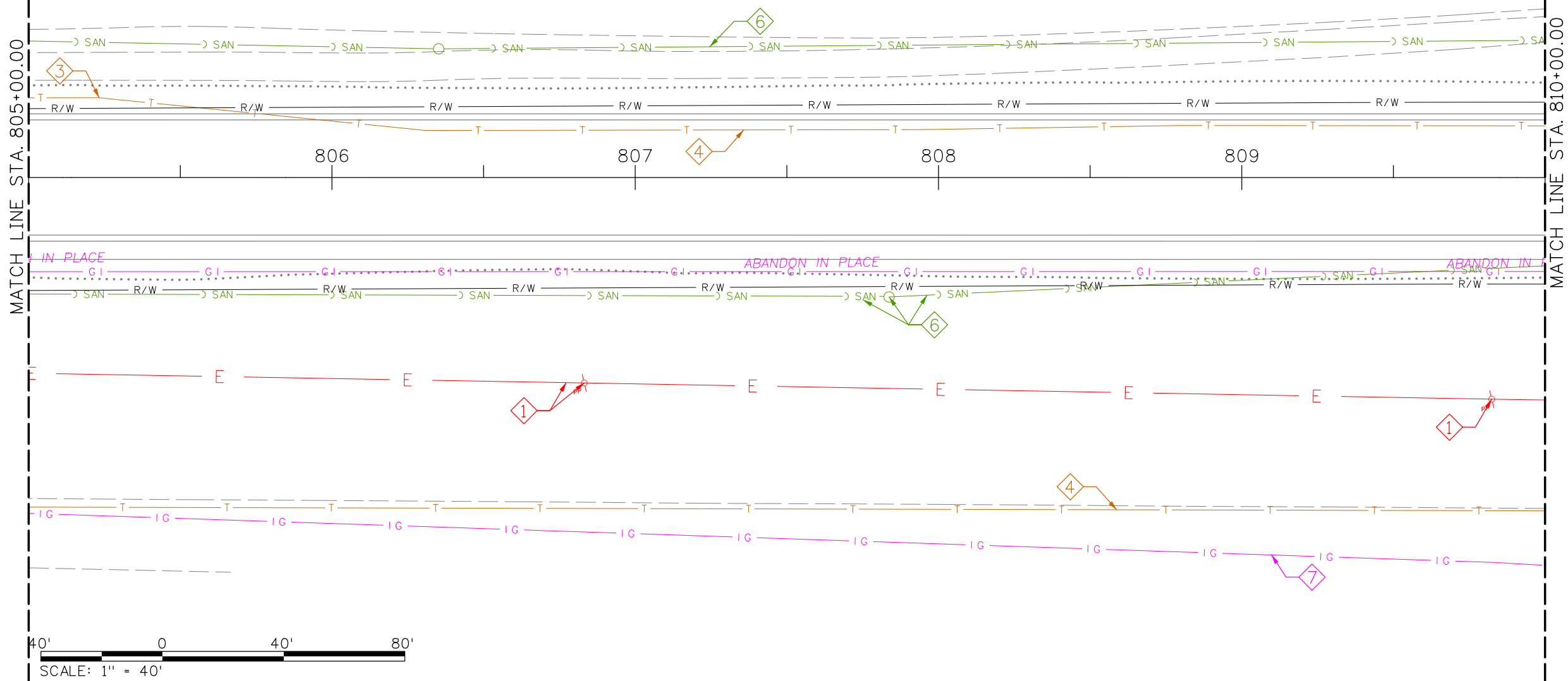
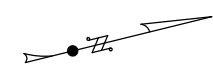
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PRELIMINARY FOR CONSTRUCTION

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9/16/2016

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T.35N., R.6W., B.M.



- ① OVERHEAD ELECTRICAL RETAIN AND PROTECT IN PLACE.
- ③ BURIED TELEPHONE RETAIN AND PROTECT IN PLACE.
- ④ BURIED TELEPHONE RELOCATE FACILITIES BY CENTURYLINK AT COMPANY EXPENSE. CROSSING OR CONFLICTS WILL REQUIRE COORDINATION WITH CONTACTOR DURING CONSTRUCTION. RETAIN AND PROTECT RELOCATED UTILITY.
- ⑥ EXISTING SANITARY SEWER, RETAIN AND PROTECT IN PLACE.
- ⑦ EXISTING NATURAL GAS FACILITIES RETAIN AND PROTECT IN PLACE.

- NOTES:**
1. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CALL "DIG LINE INC." AT 811 AT LEAST TWO (2) BUSINESS DAYS PRIOR TO CONSTRUCTION.
 2. THE CONTRACTOR SHALL NOTIFY ALL UTILITIES LOCATED IN THE VICINITY OF THE PROJECT OF ANTICIPATED CONSTRUCTION TIMES.

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_util_002.sht
 DRAWING DATE: 9/16/2016



PROJECT NO. A013(443)

UTILITY PLAN SHEET
 SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE
 STA. 805+00.00 TO STA. 810+00.00

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 92 OF 99

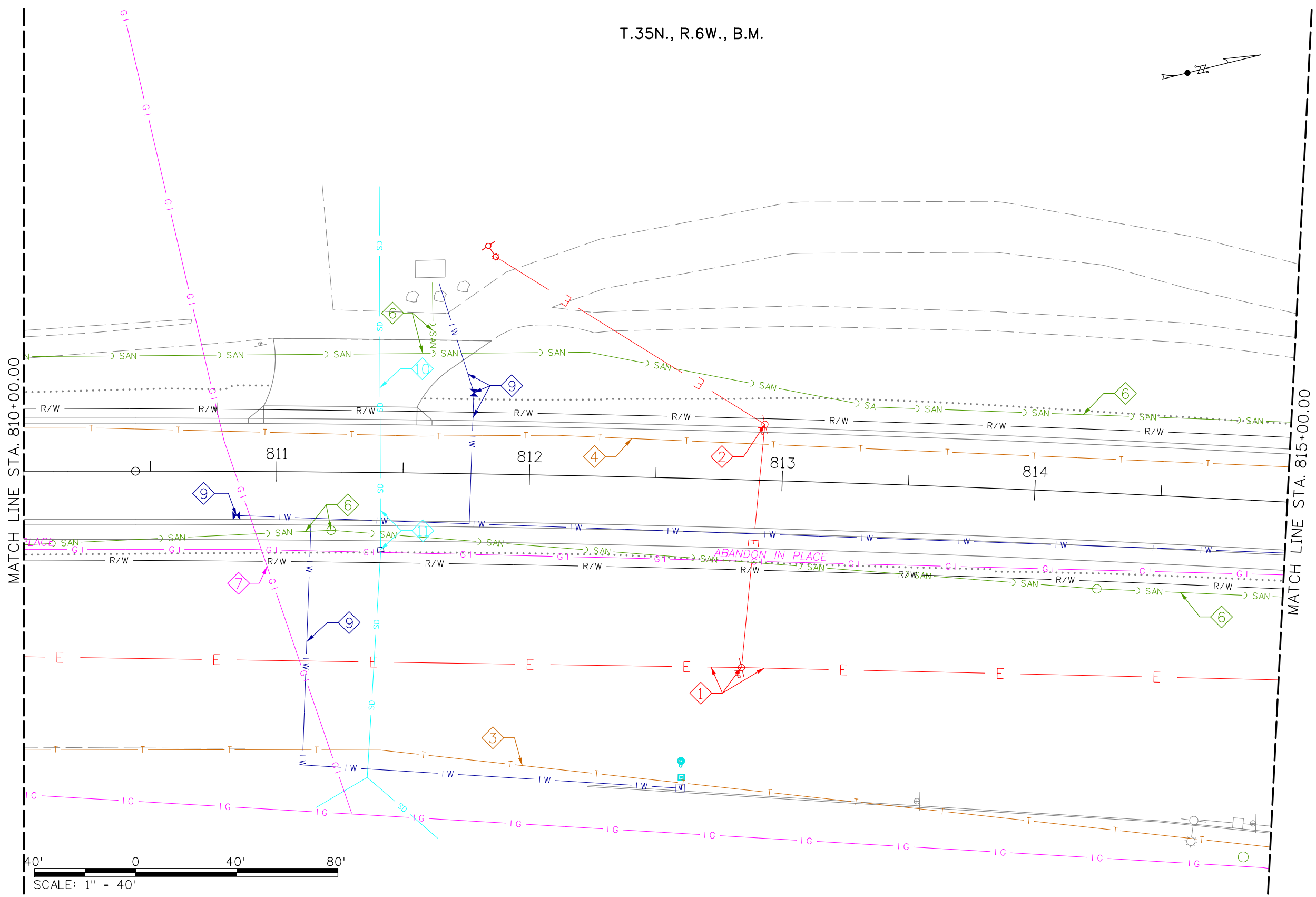
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 FOR CONSTRUCTION

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9/16/2016

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T.35N., R.6W., B.M.



- ① OVERHEAD ELECTRICAL RETAIN AND PROTECT IN PLACE.
- ② RELOCATE POWER FACILITIES BY AVISTA PRIOR TO CONSTRUCTION AT COMPANIES EXPENSE. CROSSING OR CONFLICTING WILL REQUIRE COORDINATION WITH CONTRACTOR DURING CONSTRUCTION. RETAIN AND PROTECT RELOCATED UTILITY.
- ③ BURIED TELEPHONE RETAIN AND PROTECT IN PLACE.
- ④ BURIED TELEPHONE RELOCATE FACILITIES BY CENTURYLINK AT COMPANY EXPENSE. CROSSING OR CONFLICTS WILL REQUIRE COORDINATION WITH CONTRACTOR DURING CONSTRUCTION. RETAIN AND PROTECT RELOCATED UTILITY.
- ⑥ EXISTING SANITARY SEWER, RETAIN AND PROTECT IN PLACE. ADJUST MANHOLE TO GRADE BY CONTRACTOR. (SEE PLAN SHEETS)
- ⑦ EXISTING NATURAL GAS FACILITIES RETAIN AND PROTECT IN PLACE.
- ⑨ EXISTING POTABLE WATER FACILITIES RETAIN AND PROTECT IN PLACE. ADJUST VALVE TO GRADE BY CONTRACTOR. (SEE PLAN SHEETS)
- ⑩ EXISTING STORM SEWER RETAIN AND PROTECT IN PLACE.
- ⑪ EXISTING STORM SEWER FACILITY TO BE ADJUSTED BY CONTRACTOR. (SEE DRAINAGE SHEETS)

NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CALL "DIG LINE INC." AT 811 AT LEAST TWO (2) BUSINESS DAYS PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL NOTIFY ALL UTILITIES LOCATED IN THE VICINITY OF THE PROJECT OF ANTICIPATED CONSTRUCTION TIMES.

ORIGINAL STORED AT: ITD, District 3 8150 Chinden Boulevard, Boise, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_util_003.sht
 DRAWING DATE: 9/16/2016



PROJECT NO. A013(443)

UTILITY PLAN SHEET
 SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE
 STA. 810+00.00 TO STA. 815+00.00

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 93 OF 99

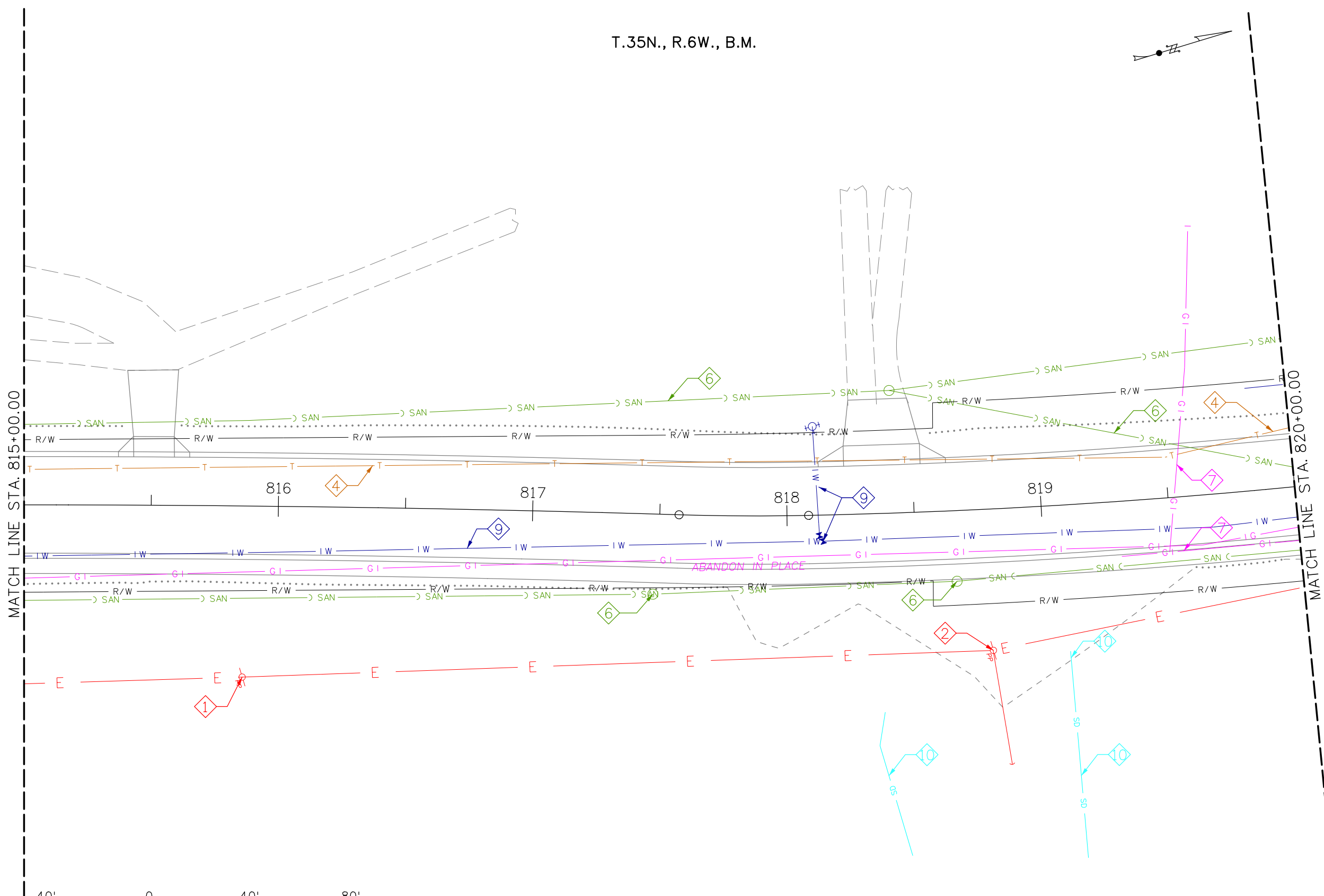
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 FOR CONSTRUCTION

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9/16/2016

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T.35N., R.6W., B.M.



- ① OVERHEAD ELECTRICAL RETAIN AND PROTECT IN PLACE.
- ② RELOCATE POWER FACILITIES BY AVISTA PRIOR TO CONSTRUCTION AT COMPANIES EXPENSE. CROSSING OR CONFLICTING WILL REQUIRE COORDINATION WITH CONTRACTOR DURING CONSTRUCTION. RETAIN AND PROTECT RELOCATED UTILITY.
- ④ BURIED TELEPHONE RELOCATE FACILITIES BY CENTURYLINK AT COMPANY EXPENSE. CROSSING OR CONFLICTS WILL REQUIRE COORDINATION WITH CONTRACTOR DURING CONSTRUCTION. RETAIN AND PROTECT RELOCATED UTILITY.
- ⑥ EXISTING SANITARY SEWER, RETAIN AND PROTECT IN PLACE. ADJUST MANHOLE TO GRADE BY CONTRACTOR. (SEE PLAN SHEETS)
- ⑦ EXISTING NATURAL GAS FACILITIES RETAIN AND PROTECT IN PLACE.
- ⑨ EXISTING POTABLE WATER FACILITIES RETAIN AND PROTECT IN PLACE. ADJUST VALVE TO GRADE BY CONTRACTOR. (SEE PLAN SHEETS)
- ⑩ EXISTING STORM SEWER RETAIN AND PROTECT IN PLACE. (SEE DRAINAGE SHEETS)

NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CALL "DIG LINE INC." AT 811 AT LEAST TWO (2) BUSINESS DAYS PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL NOTIFY ALL UTILITIES LOCATED IN THE VICINITY OF THE PROJECT OF ANTICIPATED CONSTRUCTION TIMES.

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_util_004.sht
 DRAWING DATE: 9/16/2016



PROJECT NO. A013(443)

UTILITY PLAN SHEET
 SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE
 STA. 815+00.00 TO STA. 820+00.00

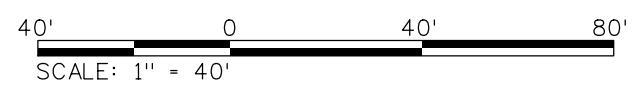
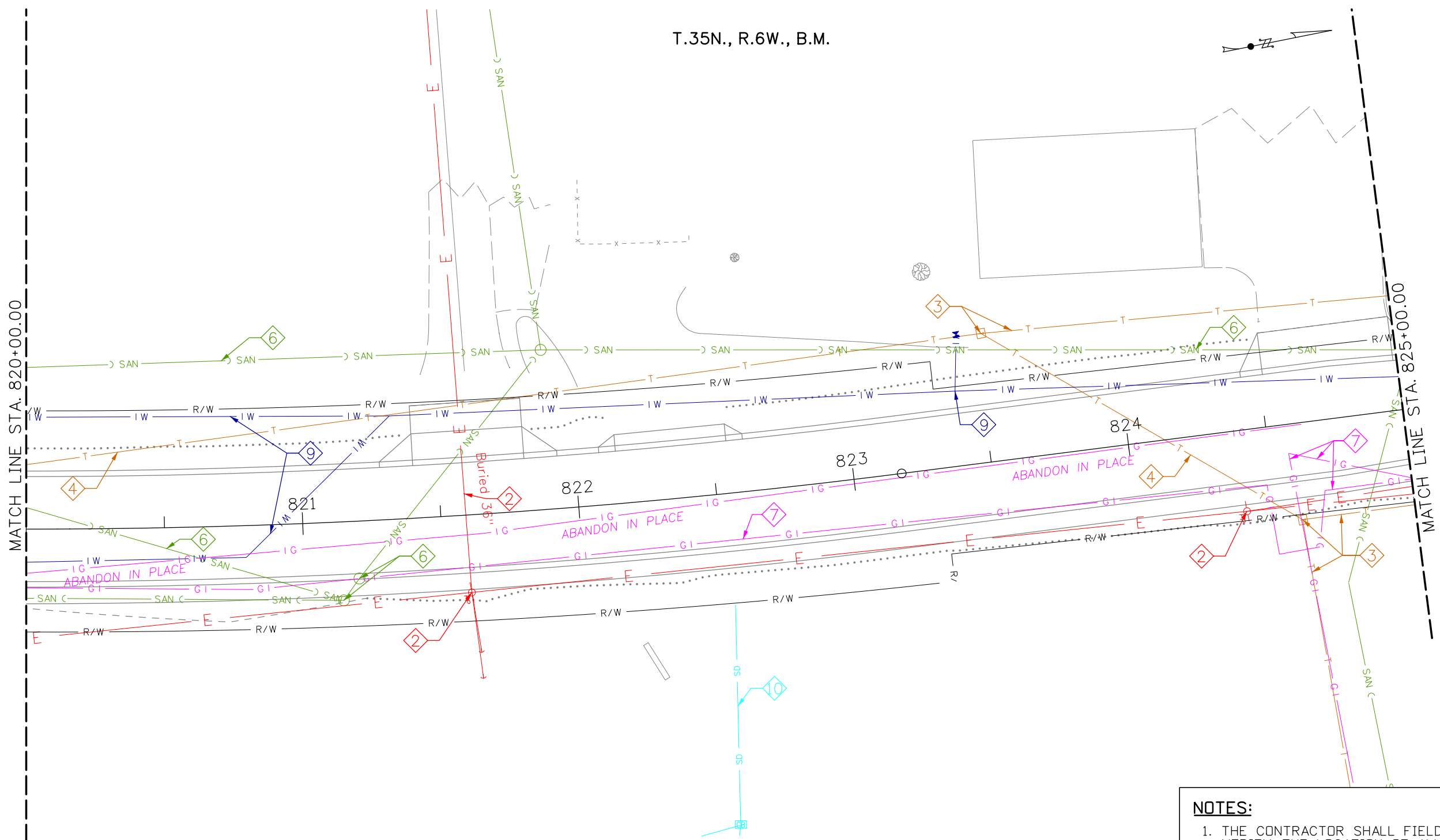
English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 94 OF 99

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9/16/2016

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T.35N., R.6W., B.M.



- ② RELOCATE POWER FACILITIES BY AVISTA PRIOR TO CONSTRUCTION AT COMPANIES EXPENSE. CROSSING OR CONFLICTING WILL REQUIRE COORDINATION WITH CONTRACTOR DURING CONSTRUCTION. RETAIN AND PROTECT RELOCATED UTILITY.
- ③ BURIED TELEPHONE RETAIN AND PROTECT.
- ④ BURIED TELEPHONE RELOCATE FACILITIES BY CENTURYLINK AT COMPANY EXPENSE. CROSSING OR CONFLICTS WILL REQUIRE COORDINATION WITH CONTRACTOR DURING CONSTRUCTION. RETAIN AND PROTECT RELOCATED UTILITY.
- ⑥ EXISTING SANITARY SEWER, RETAIN AND PROTECT IN PLACE. ADJUST MANHOLE TO GRADE BY CONTRACTOR. (SEE PLAN SHEETS)
- ⑦ EXISTING NATURAL GAS FACILITIES RETAIN AND PROTECT IN PLACE.
- ⑨ EXISTING CULINARY WATER FACILITIES RETAIN AND PROTECT IN PLACE. ADJUST VALVE TO GRADE BY CONTRACTOR. (SEE PLAN SHEETS)
- ⑩ EXISTING STORM SEWER RETAIN AND PROTECT IN PLACE. (SEE DRAINAGE SHEETS)

NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CALL "DIG LINE INC." AT 811 AT LEAST TWO (2) BUSINESS DAYS PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL NOTIFY ALL UTILITIES LOCATED IN THE VICINITY OF THE PROJECT OF ANTICIPATED CONSTRUCTION TIMES.

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_util_005.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO. A013(443)

UTILITY PLAN SHEET
Snake River Ave
SOUTHWAY BR TO 11TH AVE
 STA. 820+00.00 TO STA. 825+00.00

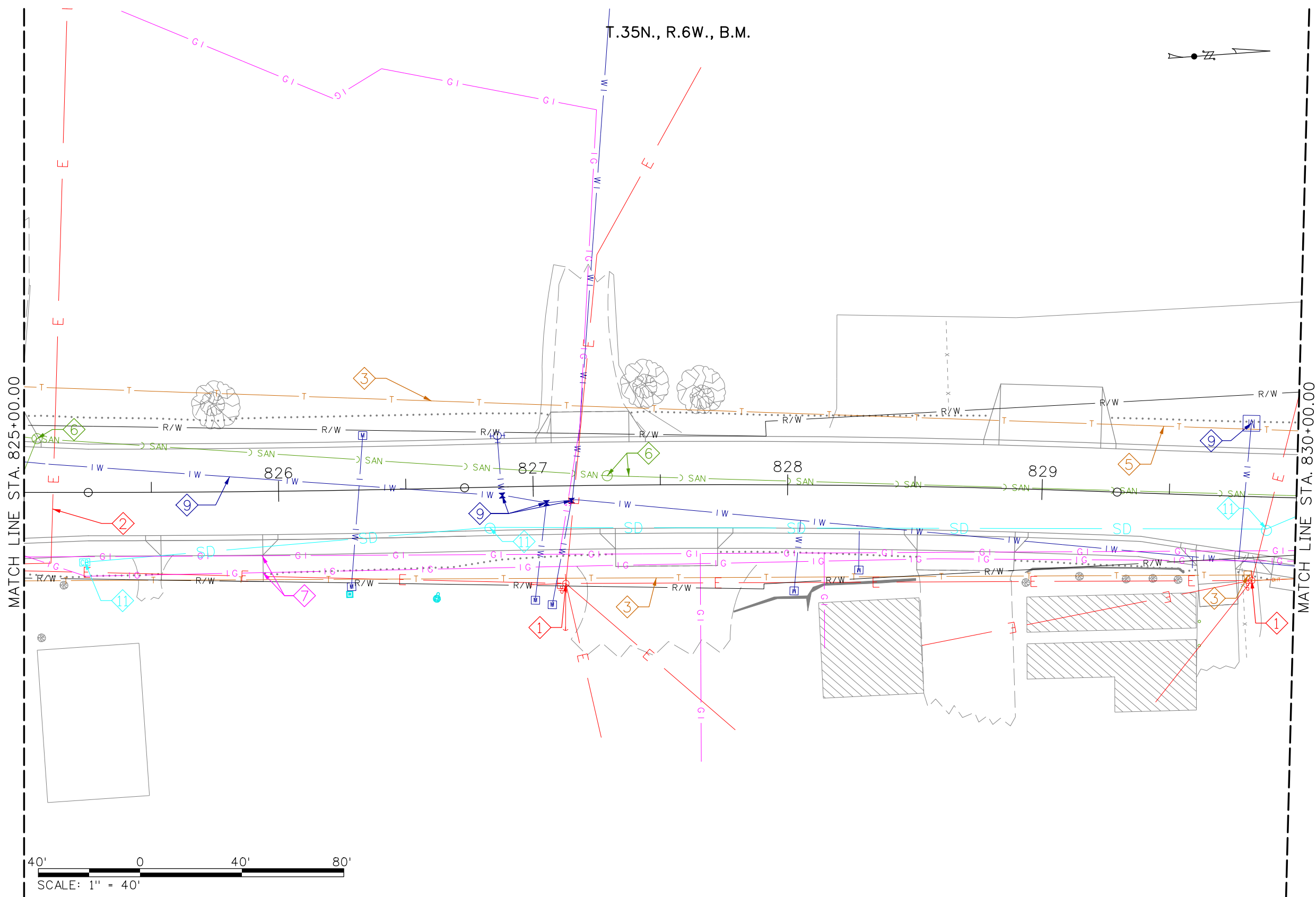
English
 COUNTY NEZ PERCE
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 SHEET 95 OF 99

NOT APPROVED FOR PRELIMINARY CONSTRUCTION

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9/16/2016

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- ① OVERHEAD POWER
RETAIN AND PROTECT IN PLACE.
- ② RELOCATE POWER FACILITIES BY AVISTA PRIOR TO CONSTRUCTION AT COMPANIES EXPENSE. CROSSING OR CONFLICTING WILL REQUIRE COORDINATION WITH CONTRACTOR DURING CONSTRUCTION. RETAIN AND PROTECT RELOCATED UTILITY.
- ③ BURIED TELEPHONE
RETAIN AND PROTECT IN PLACE.
- ⑤ BURIED TELEPHONE
RELOCATE FACILITIES BY CABLEONE AT COMPANY EXPENSE. CROSSING OR CONFLICTS WILL REQUIRE COORDINATION WITH CONTRACTOR DURING CONSTRUCTION. RETAIN AND PROTECT RELOCATED UTILITY.
- ⑥ EXISTING SANITARY SEWER,
RETAIN AND PROTECT IN PLACE. ADJUST VALVE TO GRADE BY CONTRACTOR. (SEE PLAN SHEETS)
- ⑦ EXISTING NATURAL GAS
FACILITIES RETAIN AND PROTECT IN PLACE.
- ⑨ EXISTING POTABLE WATER
FACILITIES RETAIN AND PROTECT IN PLACE. ADJUST VALVE BY CONTRACTOR. (SEE PLAN SHEETS)
- ⑩ EXISTING STORM SEWER
FACILITY TO BE REMOVED BY CONTRACTOR. (SEE DRAINAGE SHEETS)

NOTES:

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- THE CONTRACTOR SHALL NOTIFY ALL UTILITIES LOCATED IN THE VICINITY OF THE PROJECT OF ANTICIPATED CONSTRUCTION TIMES.

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_util_006.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO. A013(443)

UTILITY PLAN SHEET
SNAKE RIVER AVE
SOUTHWAY BR TO 11TH AVE
 STA. 825+00.00 TO STA. 830+00.00

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 96 OF 99

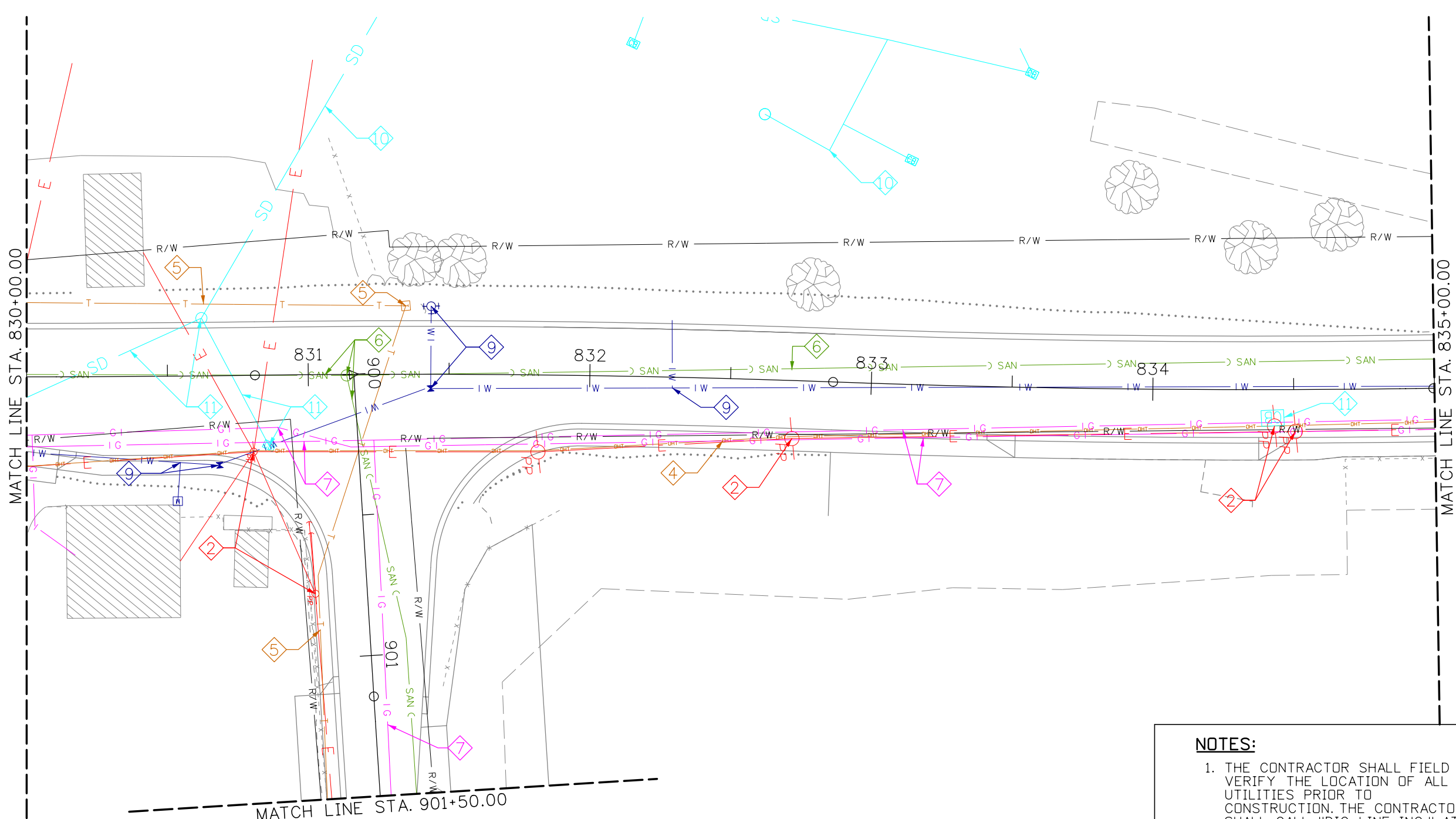
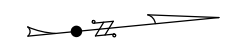
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 FOR CONSTRUCTION

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9/16/2016

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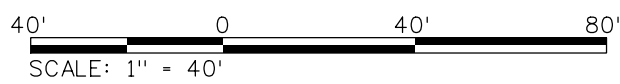
T.35N., R.6W., B.M.



- 2 RELOCATE POWER FACILITIES BY AVISTA PRIOR TO CONSTRUCTION AT COMPANIES EXPENSE. CROSSING OR CONFLICTING WILL REQUIRE COORDINATION WITH CONTRACTOR DURING CONSTRUCTION. RETAIN AND PROTECT RELOCATED UTILITY.
- 3 BURIED TELEPHONE RETAIN AND PROTECT IN PLACE.
- 4 BURIED TELEPHONE RELOCATE FACILITIES BY CENTURYLINK AT COMPANY EXPENSE. CROSSING OR CONFLICTS WILL REQUIRE COORDINATION WITH CONTRACTOR DURING CONSTRUCTION. RETAIN AND PROTECT RELOCATED UTILITY.
- 5 BURIED TELEPHONE RELOCATE FACILITIES BY CABLEONE AT COMPANY EXPENSE. CROSSING OR CONFLICTS WILL REQUIRE COORDINATION WITH CONTRACTOR DURING CONSTRUCTION. RETAIN AND PROTECT RELOCATED UTILITY.
- 6 EXISTING SANITARY SEWER, RETAIN AND PROTECT IN PLACE. ADJUST MANHOLE TO GRADE BY CONTRACTOR. (SEE PLAN SHEETS)
- 7 EXISTING NATURAL GAS FACILITIES RETAIN AND PROTECT IN PLACE.
- 9 EXISTING POTABLE WATER FACILITIES RETAIN AND PROTECT IN PLACE. ADJUST VALVE BY CONTRACTOR. (SEE PLAN SHEETS)
- 10 RETAIN AND PROTECT EXISTING STORM SEWER FACILITY. (SEE DRAINAGE SHEETS)
- 11 EXISTING STORM SEWER FACILITY TO BE REMOVED BY CONTRACTOR. (SEE DRAINAGE SHEETS)

NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CALL "DIG LINE INC." AT 811 AT LEAST TWO (2) BUSINESS DAYS PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL NOTIFY ALL UTILITIES LOCATED IN THE VICINITY OF THE PROJECT OF ANTICIPATED CONSTRUCTION TIMES.



ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_util_007.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

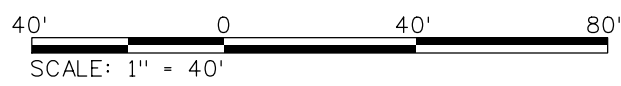
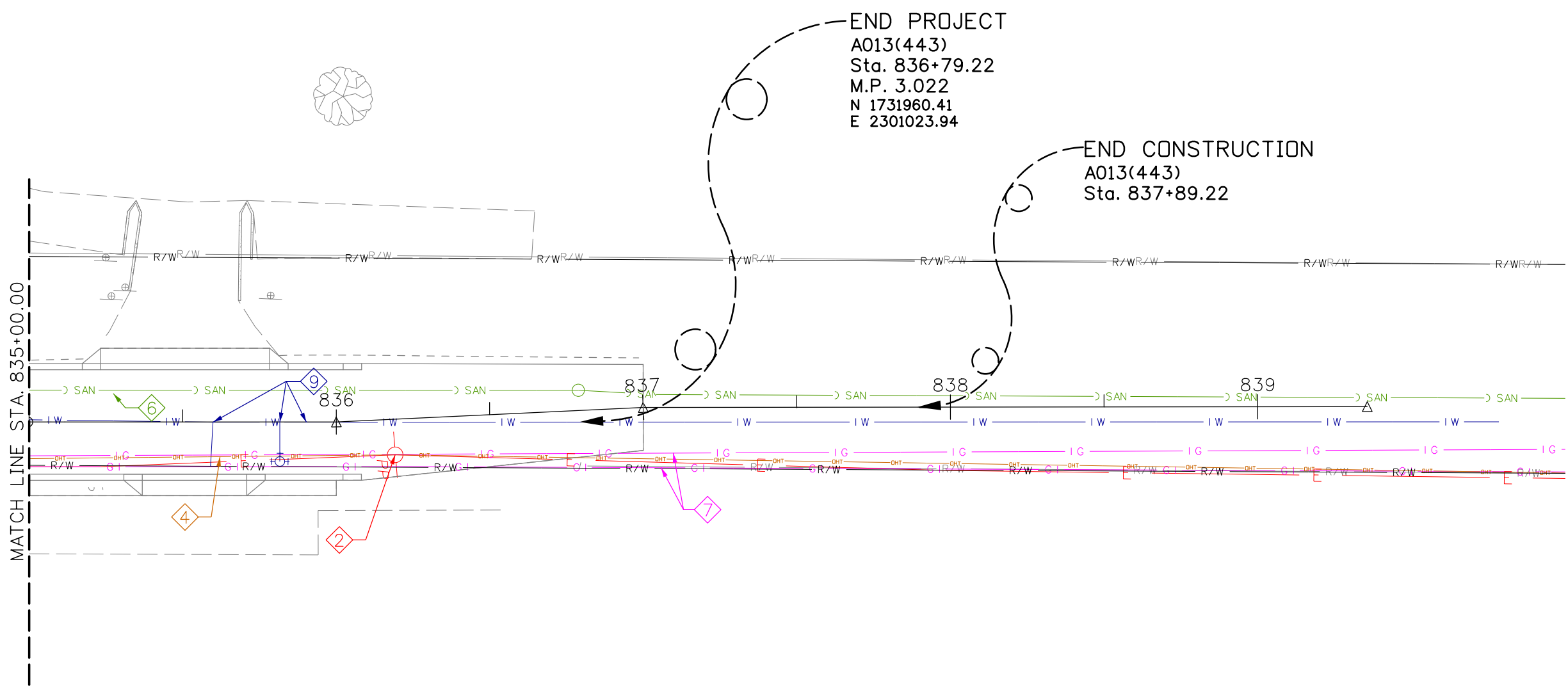
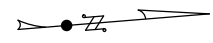
PROJECT NO.
A013(443)

UTILITY PLAN SHEET
Snake River Ave
SOUTHWAY BR TO 11TH AVE
 STA. 830+00.00 TO STA. 835+00.00

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 97 OF 99

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

T.35N., R.6W., B.M.



- ② RELOCATE POWER FACILITIES BY AVISTA PRIOR TO CONSTRUCTION AT COMPANIES EXPENSE. CROSSING OR CONFLICTING WILL REQUIRE COORDINATION WITH CONTRACTOR DURING CONSTRUCTION. RETAIN AND PROTECT RELOCATED UTILITY.
- ④ BURIED TELEPHONE RELOCATE FACILITIES BY CENTURYLINK AT COMPANY EXPENSE. CROSSING OR CONFLICTS WILL REQUIRE COORDINATION WITH CONTRACTOR DURING CONSTRUCTION. RETAIN AND PROTECT RELOCATED UTILITY.
- ⑥ EXISTING SANITARY SEWER, RETAIN AND PROTECT IN PLACE.
- ⑦ EXISTING NATURAL GAS FACILITIES RETAIN AND PROTECT IN PLACE.
- ⑨ EXISTING CULINARY WATER FACILITIES RETAIN AND PROTECT IN PLACE. ADJUST VALVE BY CONTRACTOR. (SEE PLAN SHEETS)

NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CALL "DIG LINE INC." AT 811 AT LEAST TWO (2) BUSINESS DAYS PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL NOTIFY ALL UTILITIES LOCATED IN THE VICINITY OF THE PROJECT OF ANTICIPATED CONSTRUCTION TIMES.

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_util_008.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO.
A013(443)

UTILITY PLAN SHEET
**SNAKE RIVER AVE
 SOUTHWAY BR TO 11TH AVE
 STA. 835+00.00 TO STA. 839+35.67**

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 98 OF 99

NOT APPROVED
PRELIMINARY FOR CONSTRUCTION

T.35N., R.6W., B.M.

MATCH LINE STA. 901+50.00



- ② RELOCATE POWER FACILITIES BY AVISTA PRIOR TO CONSTRUCTION AT COMPANIES EXPENSE. CROSSING OR CONFLICTING WILL REQUIRE COORDINATION WITH CONTRACTOR DURING CONSTRUCTION. RETAIN AND PROTECT RELOCATED UTILITY.
- ⑤ BURIED TELEPHONE RELOCATE FACILITIES BY CABLEONE AT COMPANY EXPENSE. CROSSING OR CONFLICTS WILL REQUIRE COORDINATION WITH CONTRACTOR DURING CONSTRUCTION. RETAIN AND PROTECT RELOCATED UTILITY.
- ⑥ EXISTING SANITARY SEWER, RETAIN AND PROTECT IN PLACE. ADJUST VALVE TO GRADE BY CONTRACTOR. (SEE PLAN SHEETS)
- ⑦ EXISTING NATURAL GAS FACILITIES RETAIN AND PROTECT.
- ⑧ EXISTING POTABLE WATER FACILITIES RETAIN AND PROTECT IN PLACE.
- ⑨ RETAIN AND PROTECT EXISTING STORM SEWER FACILITY.
- ⑩ EXISTING STORM SEWER FACILITY TO BE REMOVED BY CONTRACTOR. (SEE DRAINAGE SHEETS)

NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CALL "DIG LINE INC." AT 811 AT LEAST TWO (2) BUSINESS DAYS PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL NOTIFY ALL UTILITIES LOCATED IN THE VICINITY OF THE PROJECT OF ANTICIPATED CONSTRUCTION TIMES.

ORIGINAL STORED AT: ITD, District 2 2600 North & South Highway, Lewiston, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. DAVIDSON
 DESIGN CHECKED H. CARTER
 DETAILED C. DAVIDSON
 DRAWING CHECKED H. CARTER

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 13443_util_009.sht
 DRAWING DATE: 9/16/2016

IDAHO TRANSPORTATION DEPARTMENT



HORROCKS ENGINEERS

PROJECT NO. A013(443)

UTILITY PLAN SHEET
Snake River Ave
 SOUTHWAY BR TO 11TH AVE
 STA. 901+75.00 TO STA. 906+00.00

English
 COUNTY NEZ PERCE
 KEY NUMBER 13443
 SHEET 99 OF 99

NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION